AUTHOR INDEX Volume 125 (JANUARY-JUNE, 2004)

Aaron, Shawn D., 2046 Abal, Adnan, 1776 Abrams, Judith, 281 Abu-Hijleh, Muhanned, 797 Acencio, Milena M. P., 2268 Adkins, David, 1121 Afessa, Bekele, 1600 Aggarwal, Ajay, 2036 Agnew, John E., 1726 Agnihotri, Arvind K., 1581 Aguavo de Hoyos, Eduardo, 831 Agustí, Alvar G.N., 1837 Aitken, Moira L., 509 Aizawa, Tadanori, 182 Akpinar-Elci, Muge, 2336 Akritidis, Nikolaos, 349 Alam, Mohsin, 1218 Alatas, Füsun, 2156 Alatas, Özkan, 2156 Alaya, Sami, 1166 Albanes, Demetrius, 557 Albers, Elizabeth, 1160 Albert, Richard K., 1530 Alcántara, Félix, 974 Alexandrakis, Michael G., 1546 Alexiou, Konstantin, 2253 Allegra, Luigi, 953 Allen, Thomas E., 106S Al-Mallah, Mouaz, 1218 Al-Mehdi, Abu-Bakr, 150S Almgren, Birgitta, 1077 Almirall, Jordi, 1335 Almog, Yaniv, 2365 Alonso, Alberto, 817 Altin, Sedat, 527 Altorki, Nasser K., 1522 Alvarez, Francisco, 800 Álvarez-Bueno, Miguel, 831 Alvaro, Dolores, 817 Amano, Homare, 2247 Ambrosetti, Marco, 191 Amin, Neeta B., 1821 Aminian, Adel, 1174 Amoateng-Adjepong, Yaw, 856 Anagnostopoulou, Urania, 892 Ananthasubramaniam, Karthik, 1218 Anarella, Joseph, 1359 Anastasiou-Nana, Maria I., 1198 Anbazhagan, Ramaswamy, 103S Anchustegui, Begoña, 1306 Anderson, Elizabeth W., 1674 Anderson, Marshall W., 153S Anderson, Sandra D., 909, 1985 Andersson, Stina, 916 Andreoli, Arnaldo, 1387 Andrew, Philip, 1588 Andrien, Marc. 2232 Angus, Derek, 1514 Anstadt, Mark P., 1853 Anthonisen, Nicholas R., 1657 Antón, Enrique, 1592 Antonangelo, Leila, 2268 Antoniou, Katerina M., 1885 Anzai, Toshihisa, 384 Aoe, Keisuke, 987 Aoshiba, Kazutetsu, 626 Appoloni, Olivier, 2232 Aquino, Suzanne L., 2356

Araiza, Flavio, 150S Arcentales, Nicole, 1256 Arenberg, Douglas, 789 Arias, Miguel A., 817 Arida, Muhammed, 1218 Arihara, Zenei, 1963 Arroliga, Alejandro C., 712 Arslanian-Engoren, Cynthia, 220 Asakura, Yasushi, 384 Asche, Carl, 2140 Asmus, Michael J., 453 Assaad, Adel M., 104S, 115S Atwood, J. Edwin, 297 Austin, J.H.M., 104S Ayas, Najib T., 197 Aved, Adel K., 38 Ayres, Gerald T., 1902 Azami, Takafumi, 1155

Babcock, Hilary M., 2224 Bag, Remzi, 1941 Baglioni, Stefano, 2217 Bains, Bhupinder, 98 Baird, John C., 77 Balanzó, Xavier, 1335 Balistreri, Elizabeth, 1359 Balkin, Jonathan A., 1610 Balmes, John R., 2328 Banauch, Gisela, 1256 Bandyopadhyay, Tapas, 352 Banerjee, Anindo K., 95S Bannan, Mary, 1853 Barnes, Peter J., 2005 Baron, Sherry L., 1256 Barr, Juliana, 1446 Barst, Robyn J., 1157 Bartram, Ulrike, 754 Bartsch, Pierre, 489 Bashir, Naim S., 357 Bauer, Ulrike, 368 Baum, Gerald L., 1171 Baumgartner, Rainer A., 580 Bautista, Edgar, 633 Baydur, Ahmet, 98, 363, 1971 Beamis, John F., Jr., 148S Beane, Jennifer, 115S Beccerril, Carina, 466 Bechtel, Joel J., 163S Beck, Kenneth C., 446 Becker, Heinrich D., 322 Beckert, Lutz E. L., 1651 Beeklake, Margaret R., 1657 Behbehani, Nasser, 1776 Behnia, Mehrdad M., 1944 Behr, Jürgen, 580 Beilman, Greg, 11 Bélanger, Martin M., 106S Belhocine, Tarik, 489 Belinsky, Steven, 1018 Belle, Steven H., 597 Bellia, Vincenzo, 2029 Bellomo, Rinaldo, 2260 Belperio, John A., 133S, 156S Ben-Haim, Shlomo A., 1830 Bennett, Charles L., 548 Bensadoun, Eric S., 1121 Berbaum, Kevin, 494

Berg, Soren, 2101 Berggren, Fredrik, 916 Berkenbosch, John W., 1132 Berkowitz, Kenneth A., 2367 Bernard, Bruce P., 1256 Bernard, Gordon R., 2206 Bettega, Georges, 864 Bianchi, A., 135 Bianchi, Roberto, 459 Biedermann, Alexander, 173 Birnbaum, Howard G., 2140 Bisgaard, Hans, 1680 Blanc, François-Xavier, 236 Blasi, Francesco, 1888 Bleecker, Eugene, 744, 1590 Boctor, Baher, 102S Boivin, Michel, 587 Bolíbar, Ignasi, 1335 Bolotin, Gil, 1830 Bonitati, Alice, 886 Bonner, Stephen, 1173 Boonstra, Anco. 572 Boor, Paul J., 1472 Boquet, Xavier, 1335 Borezuk, Alain C., 104S, 115S Bortenschlager, Larry, 1195 Borzak, Steven, 1821 Botti, Mari, 43 Bouros, Demosthenes, 1005, 1546, 1885 Boushey, Homer A., 348 Bousquet, Jean, 1378 Bovin, Lone F., 154S Bowie, Dennis M., 1657 Bowler, Russell P., 127S Boyle, Michael P., 143 Bozkanat, Erkan, 2036 Bradley, Charles, 1877 Bradner, Robert H., 1518 Braman, Sidney, 965 Brannan, John D., 1985 Brantly, Mark L., 1952 Brecht, Mary Lynn, 439 Brimioulle, Serge, 2121 Brinchault, Graziella, 1815 Brinker, Allen, 1591 Brody, Alan S., 509 Brody, Arnold R., 85S, 152S Brody, Jerome S., 115S Broekhuizen, Roelinka, 2021 Brognard, John, 101S Bronzwaer, Jean G. F., 572 Brooks, William S., 1944 Brown, Cynthia D., 397 Brown, Joanne R., 134S Brown, Kevin K., 2169 Brown, Lee K., 334, 803 Brown, Randall, 1674 Brown, Richard B., 1979 Bruni, Lucio, 2217 Brusasco, Vito, 1714 Bruschi, Claudio, 1387 Brutsche, Martin, 354 Budhiraja, Robit, 1596 Bueno, Raphael, 1581, 2175 Buffels, Johan, 1394 Buist, A. Sonia, 2053 Bunn, Paul A., Jr. 109S Burdick, Marie D., 133S, 156S

AUTHOR INDEX Volume 125 (JANUARY-JUNE, 2004)

Aaron, Shawn D., 2046 Abal, Adnan, 1776 Abrams, Judith, 281 Abu-Hijleh, Muhanned, 797 Acencio, Milena M. P., 2268 Adkins, David, 1121 Afessa, Bekele, 1600 Aggarwal, Ajay, 2036 Agnew, John E., 1726 Agnihotri, Arvind K., 1581 Aguavo de Hoyos, Eduardo, 831 Agustí, Alvar G.N., 1837 Aitken, Moira L., 509 Aizawa, Tadanori, 182 Akpinar-Elci, Muge, 2336 Akritidis, Nikolaos, 349 Alam, Mohsin, 1218 Alatas, Füsun, 2156 Alatas, Özkan, 2156 Alaya, Sami, 1166 Albanes, Demetrius, 557 Albers, Elizabeth, 1160 Albert, Richard K., 1530 Alcántara, Félix, 974 Alexandrakis, Michael G., 1546 Alexiou, Konstantin, 2253 Allegra, Luigi, 953 Allen, Thomas E., 106S Al-Mallah, Mouaz, 1218 Al-Mehdi, Abu-Bakr, 150S Almgren, Birgitta, 1077 Almirall, Jordi, 1335 Almog, Yaniv, 2365 Alonso, Alberto, 817 Altin, Sedat, 527 Altorki, Nasser K., 1522 Alvarez, Francisco, 800 Álvarez-Bueno, Miguel, 831 Alvaro, Dolores, 817 Amano, Homare, 2247 Ambrosetti, Marco, 191 Amin, Neeta B., 1821 Aminian, Adel, 1174 Amoateng-Adjepong, Yaw, 856 Anagnostopoulou, Urania, 892 Ananthasubramaniam, Karthik, 1218 Anarella, Joseph, 1359 Anastasiou-Nana, Maria I., 1198 Anbazhagan, Ramaswamy, 103S Anchustegui, Begoña, 1306 Anderson, Elizabeth W., 1674 Anderson, Marshall W., 153S Anderson, Sandra D., 909, 1985 Andersson, Stina, 916 Andreoli, Arnaldo, 1387 Andrew, Philip, 1588 Andrien, Marc. 2232 Angus, Derek, 1514 Anstadt, Mark P., 1853 Anthonisen, Nicholas R., 1657 Antón, Enrique, 1592 Antonangelo, Leila, 2268 Antoniou, Katerina M., 1885 Anzai, Toshihisa, 384 Aoe, Keisuke, 987 Aoshiba, Kazutetsu, 626 Appoloni, Olivier, 2232 Aquino, Suzanne L., 2356

Araiza, Flavio, 150S Arcentales, Nicole, 1256 Arenberg, Douglas, 789 Arias, Miguel A., 817 Arida, Muhammed, 1218 Arihara, Zenei, 1963 Arroliga, Alejandro C., 712 Arslanian-Engoren, Cynthia, 220 Asakura, Yasushi, 384 Asche, Carl, 2140 Asmus, Michael J., 453 Assaad, Adel M., 104S, 115S Atwood, J. Edwin, 297 Austin, J.H.M., 104S Ayas, Najib T., 197 Aved, Adel K., 38 Ayres, Gerald T., 1902 Azami, Takafumi, 1155

Babcock, Hilary M., 2224 Bag, Remzi, 1941 Baglioni, Stefano, 2217 Bains, Bhupinder, 98 Baird, John C., 77 Balanzó, Xavier, 1335 Balistreri, Elizabeth, 1359 Balkin, Jonathan A., 1610 Balmes, John R., 2328 Banauch, Gisela, 1256 Bandyopadhyay, Tapas, 352 Banerjee, Anindo K., 95S Bannan, Mary, 1853 Barnes, Peter J., 2005 Baron, Sherry L., 1256 Barr, Juliana, 1446 Barst, Robyn J., 1157 Bartram, Ulrike, 754 Bartsch, Pierre, 489 Bashir, Naim S., 357 Bauer, Ulrike, 368 Baum, Gerald L., 1171 Baumgartner, Rainer A., 580 Bautista, Edgar, 633 Baydur, Ahmet, 98, 363, 1971 Beamis, John F., Jr., 148S Beane, Jennifer, 115S Beccerril, Carina, 466 Bechtel, Joel J., 163S Beck, Kenneth C., 446 Becker, Heinrich D., 322 Beckert, Lutz E. L., 1651 Beeklake, Margaret R., 1657 Behbehani, Nasser, 1776 Behnia, Mehrdad M., 1944 Behr, Jürgen, 580 Beilman, Greg, 11 Bélanger, Martin M., 106S Belhocine, Tarik, 489 Belinsky, Steven, 1018 Belle, Steven H., 597 Bellia, Vincenzo, 2029 Bellomo, Rinaldo, 2260 Belperio, John A., 133S, 156S Ben-Haim, Shlomo A., 1830 Bennett, Charles L., 548 Bensadoun, Eric S., 1121 Berbaum, Kevin, 494

Berg, Soren, 2101 Berggren, Fredrik, 916 Berkenbosch, John W., 1132 Berkowitz, Kenneth A., 2367 Bernard, Bruce P., 1256 Bernard, Gordon R., 2206 Bettega, Georges, 864 Bianchi, A., 135 Bianchi, Roberto, 459 Biedermann, Alexander, 173 Birnbaum, Howard G., 2140 Bisgaard, Hans, 1680 Blanc, François-Xavier, 236 Blasi, Francesco, 1888 Bleecker, Eugene, 744, 1590 Boctor, Baher, 102S Boivin, Michel, 587 Bolíbar, Ignasi, 1335 Bolotin, Gil, 1830 Bonitati, Alice, 886 Bonner, Stephen, 1173 Boonstra, Anco. 572 Boor, Paul J., 1472 Boquet, Xavier, 1335 Borezuk, Alain C., 104S, 115S Bortenschlager, Larry, 1195 Borzak, Steven, 1821 Botti, Mari, 43 Bouros, Demosthenes, 1005, 1546, 1885 Boushey, Homer A., 348 Bousquet, Jean, 1378 Bovin, Lone F., 154S Bowie, Dennis M., 1657 Bowler, Russell P., 127S Boyle, Michael P., 143 Bozkanat, Erkan, 2036 Bradley, Charles, 1877 Bradner, Robert H., 1518 Braman, Sidney, 965 Brannan, John D., 1985 Brantly, Mark L., 1952 Brecht, Mary Lynn, 439 Brimioulle, Serge, 2121 Brinchault, Graziella, 1815 Brinker, Allen, 1591 Brody, Alan S., 509 Brody, Arnold R., 85S, 152S Brody, Jerome S., 115S Broekhuizen, Roelinka, 2021 Brognard, John, 101S Bronzwaer, Jean G. F., 572 Brooks, William S., 1944 Brown, Cynthia D., 397 Brown, Joanne R., 134S Brown, Kevin K., 2169 Brown, Lee K., 334, 803 Brown, Randall, 1674 Brown, Richard B., 1979 Bruni, Lucio, 2217 Brusasco, Vito, 1714 Bruschi, Claudio, 1387 Brutsche, Martin, 354 Budhiraja, Robit, 1596 Bueno, Raphael, 1581, 2175 Buffels, Johan, 1394 Buist, A. Sonia, 2053 Bunn, Paul A., Jr. 109S Burdick, Marie D., 133S, 156S

Burger, Charles, 800 Burritt, Mary F., 275 Burton, Douglas W., 150S Bury, Thierry, 489 Busacker, Ashley, 151S Buser, Peter T., 1124 Bush, Andrew, 2005 Bushnell, David, 494 Busk, Michael F., 330 Bussell, Susan, 404 Byers, Tim, 109S, 127S Byrne, John G., 1581

Calhoun, David A., 112 Calverley, Peter M. A., 2368 Camargo, Carlos A., 473 Campen, Matthew J., 1968 Candelaria, Jeanette L. 429 Cantor, Jerome O., 288 Capitano, Blair, 965 Carbone, David P., 102S, 167S Carcoforo, Paolo, 796 Cardier, José E., 2238 Carion, Alain, 1441 Carlisle, Carol, 886 Carpagnano, Giovanna E., 2005 Carrella, Giovanni, 796 Carrillo, Guillermo, 617 Carter, Edward R., 1184 Carter, Jo E., 1071 Carter, Nora, 1328 Casmey, Carrie E., 1843 Castellani, Carla, 459 Catalano, Filippo, 2029 Catalano, Phillip W., 1944 Cataldo, Didier, 489 Cazzola, Mario, 9 Celedón, Juan C., 85 Cerveri, Isa, 1714 Cetinkaya, Erdogan, 527 Chai, Han-Tan, 1629 Chalfin, Donald B., 1514 Chan, Daniel C., 148S Chan, Edward D., 127S Chan, Hak-Kim, 1985 Chan, Michael C., 1768 Chandler, Eric B., 1518 Chang, Gee-Chen, 541 Chang, Hsueh-Wen, 390, 1213, 1622, 1629, 2129 Chang, Jen-Ping, 2129

Chang, Shi-Chuan, 1965
Chanko, Barbara L., 2367
Chan-Yeung, Moira, 1657
Charitos, Christos E., 1492
Charoenratanakul, Suchai, 2011
Chatila, Wissam M., 15
Chelluri, Lakshmipathi, 597
Chen, Alex, 1597, 1974
Chen, Chien-Jen, 390
Chen, Jin-Shing, 50
Chen, Lieping, 107S
Chen, Lisa L., 2328
Chen, Mien-Cheng, 390, 1213, 1629, 2129, 2361
Chen, Robert J., 50
Chen, Robert J., 50

Chen, Robert J., 50 Chen, Yen-Hsun, 1629 Chen, Yue, 2046 Cheng, Cheng-I, 1213, 1629 Cheng, Gregory, 1768 Chesrown, Sarah E., 453 Chhajed, Prashant N., 354 Chi, Bryan, 978 Chiang, Chi-Der, 541 Chiche, Jean-Daniel, 1441 Chidiae, Christian, 1888 Chin, Chung-Shih, 541 Chin, Kazuo, 1352, 2107 Chmiel, Joan S., 548 Choi, Chang-Min, 945 Choi, Frankie Pak-Tat, 1292 Christaki, Pandora, 892 Christian, Dorothy L., 2328 Christiani, David C., 203 Christie, Neil, 116S Chrysofakis, George, 71 Chu, Jaw-Ji, 228 Chuang, Hung-Yi, 566 Chung, Chi-Li, 1965 Cittadino, Máira, 823 Clancy, John P., 509 Clark, Noreen M., 1674 Clark, Sunday, 473 Clément, Annick, 315 Clement, Loran T., 924 Clerici, Christine, 2061 Cloutier, Michelle, 85 Cloward, Tom V., 1279 Cochran, Richard P., 404 Coe, Bradley, 104S Coffeng, René, 841 Cohen, Amram J., 56, 1431 Cohn, Leah, 2278 Coirault, Catherine, 236 Colares, J. Keny B., 2366 Colasanti, Ric L., 901 Colby, Thomas V., 522, 1063 Colice, Gene, 1859, 1969, 2140 Collard, Harold R., 2169 Collop, Nancy A., 809 Comba, Pietro, 1604 Condos, Rany, 2146 Conway, Dwayne S. G., 2361 Cook, David A., 1458 Cook, Robert, 109S Coons, T., 163S Cooper, Charles K., 353 Cooper, Christopher B., 249 Corey, Mary, 150 Correia, Joe, 1155 Corsico, Angelo, 1714 Cote, Michele L., 898 Cotter, Gad, 1431 Couet, Jacques, 106S Conture, Christian, 336 Cowl. Clayton T., 446 Cox, Christopher E., 997 Crandall, Edward D., 1514 Crawford, Erin L., 155S Cremers, Caroline, 502 Criner, Gerard J., 15 Cronin, Paul, 789 Crouser, Elliott D., 793 Cugell, David W., 1103 Cullinane, Carey A., 1328 Cunha, Burke A., 1913 Curran-Everett, Douglas, 2169 Cury, James D., 766 Cydulka, Rita K., 473 Czer, Lawrence S. C., 293 Czer, Peter C., 293

Dales, Robert E., 2046 Dalianis, Argirios, 1492 Dandapantula, Hari K., 281 D'Angelo, Edgardo, 2075 D'Angelo, Emanuela, 2075 Daniil, Zoe D., 770 Danziger, Larry H., 22 David, Odile, 858, 1528 Davies, Darcy B., 990 Davies, Gwyn, 1651 Davis, Carol L., 1783 Davis, R. Duane, 1040 D'Cunha, Jonathan, 1843 De Blic, Jacques, 1012 de Denus, Simon, 652 De Freitas, Ivel, 2238 de Jong, Dick S., 2196 de Pinto, Donald J., 2188 de Roux, Andrés, 1343 DeCamp, Malcolm M., 165 Decker, Paul A., 446, 1028 Decramer, Marc, 1394, 1589 Dedrick, David L., 334 Deffebach, Mark E., 1753 Deftos, Leonard J., 150S Degryse, Jan. 1394 Dejsomritrutai, Wanchai, 2011 Delacourt, Christophe, 1012 Delaval, Philippe, 1815 Delclaux, Christophe, 1012 Deloria-Knoll, Maria, 548 DeMarco, Vincent G., 1483 DeMartini, James C., 106S Demolis, Pierre, 2182 Dempsey, Edward C., 109S Dennis, Phillip A., 101S Dent, Robert, 2046 DePalo, Vera A., 1800 Deschaux, Christel, 864 Detterbeck, Frank C., 2294, 2300 Devillé, Walter L., 2083 D'Haese, Jan. 723 Dhainant, Jean-François, 1441 Dhillon, Samjot Singh, 1941 Di Giantomasso, David, 2260 Di Maria, Giuseppe U., 1604 Díaz, Juan, 1400 Díaz-Mejía, Guillermo S., 1993 Dillard, Thomas A., 1151 Dilworth, Paul, 1726 Dimich-Ward, Helen, 1657 Dinkel, Hans-Peter, 704 Doelken, Peter, 1059 Dohadwala, Mariam, 140S Doherty, Dennis E., 105S Doi, Tadafumi, 2115 Doi, Yoshinori, 2115 Donohue, James, 744, 997 Dore, Roberto, 1714 Dosaka-Akita, Hirotoshi, 1138 Dottorini, Maurizio, 2217 Douglas, William W., 2169 Donketis, James D., 1616 Dowdeswell, Ian, 2340 Drakos, Stavros G., 1492 Driss, Ahmed Ben, 2182 du Bois, Roland M., 522 Dubinett, Steven, 140S DuBois, Raymond N., 134S Duchateau, Jean, 2232 Duda, Beth, 127S Duenwald, Carolyn J., 2097 Duke, Krika, 633 Dunagan, Wm. Claiborne, 1959 Duncan, Carol, 1753 Duperron, Florence, 2061 Dupont, Etienne, 2232 Dupont, Mathieu, 1815

D'Urzo, Anthony D., 2368 Dussek, Jules, 2368 Dussins, Bernard, 489 Dwyer-Nield, L.D., 1098 Dye, Janice, 2278 Dyer, Marc, 924

Eberle, Balthasar, 173 Ebihara, Satoru, 2160 Echave-Sustaeta, José, 156 Eda. Ryosuke, 987 Edmonds, Marcia L., 1961 Egan, Jim J., 1183 Egger, Marlene J., 1635 Eisner, Mark D., 1719 Elamin, Elamin M., 1972 Elei, Omur Cinar, 2336 Eldeiravi, Kamal, 1685 Eleftherion, Ageliki, 1492 El-Khatib, Mohamad F., 592 Ellingsen, Ivar, 2053 Elliott, C. Gregory, 1635 Elssner, Andreas, 1071 Elv. E. Wesley, 2206 Emerman, Charles L., 473 Endo, Masahiro, 1747 Engoren, Milo, 220 Erginel, Siman, 2156 Ergul, Advive, 1853 Erickson, Kent. 1467 Ernst, Armin, 322, 1488 Ernst, Pierre, 1657 Eslami, Amir. 2217 Espiritu, Imelda, 1288 Esquerda, Aureli, 160 Essenfeld Sekler, Eva. 2238 Evangelista, Lorraine, 439 Evans, Amanda, 1068 Evans, Scott E., 1063 Ewart, Gary W., 1518 Ewert, Balf, 368 Ewig, Santiago, 1343

Fahey, Patrick J., 2188 Falen, Steven, 2294, 2300 Fält, Krister, 916 Fanfulla, Francesco, 1387 Fang, Chih-Yuan, 1622 Farney, Robert J., 1279 Fauroux, Brigitte, 315 Fegbeutel, Christine, 344 Feldman, Debra M., 1256 Feldsher, Zhanna, 293 Fenn-Buderer, Nancy, 220 Feo, Carlo. 796 Fergusson, Dean, 2046 Fermin, Cesar, 858 Fernández-Somoza, Máximo, 2238 Ferrando, Ronald E., 2328 Ferraroli, Giorgio M., 2289 Fessler, Henry E., 1556 Fierro-Carrion, Gustavo, 77 Fieschi, Stefano, 2289 Fikkers, Bernard G., 1805 Filaditaki, Vassiliki, 892 File, Thomas M., Jr. 1888 Filho, João Terra, 425 Filice, Gregory A., 1982 Finger, Lenna, 1265 Fischler, David, 1248 Fischman, Alan J., 2356 Fishbein, Michael C., 1028

Fisher, J., 109S Fisher, Joseph, 1155 Fisher, Paul B., 134S Fisher, Ron, 1941 Fitzgerald, Desmond, 1321 Flavell, Olivia, 43 Flavin, Kara E., 1446 Fletcher, Kenneth E., 482 Fleury, Bernard, 1761 Fleury, Nathalie Pelletier, 1761 Fluckiger, Ursula, 981 Foglia, Mary Beth, 2367 Fok. Joan P., 1768 Foral, Pamela A., 691 Forbes, Leta, 1616 Foresi, Antonio, 2075 Foster, Gary A., 1616 Fowler, Robert A., 1155 Fox. Howard, 1378 Francis, Jackie, 2005 Franga, Dion L., 1853 Franklin, Karl A., 1270 Franklin, Wilbur, 90S, 109S, 127S, 141S. 1518 Fransen, Erik J., 2196 Franssen, Frits M. E., 2021 Fraser, Victoria J., 607, 1791, 2224 Freeman, Peter, 1378 Frei, Reno, 981 French, Cynthia T., 482 Friedman, Mitchell, 858, 1528 Frizelle, Sandra P., 1843 Froelicher, Victor F., 1920 Frost, Floyd J., 1642 Fu. Long Tai, 182 Fu. Morgan, 1622 Fuchs, Barry D., 1579 Fuchs, Dietmar, 212 Fujii, Takeshi, 1239 Fujimoto, Kiminori, 737 Furin, Jennifer, 974 Furukawa, Hirovoshi, 1747 Furuya, María É. Y., 1993

Caba, Michael M., 1518 Gabrielson, Edward, 103S Gacouin, Arnaud, 1815 Gall, Olivier, 315 Gami, Apoor S., 2097 Ganushchak, Youri M., 2196 Garan, Javier, 1888 Garbino, Jorge, 1033 Garcia, Elisa, 1343 García-Luján, Ricardo, 156 García-Río, Francisco, 817 Gardner, Reed M., 1635 Garey, Kevin W., 22 Garnis, Cathie, 1048 Garofano, Robert, 1157 Garratt, Kirk N., 275 Garrett, Elizabeth, 1038 Garrison, Teresa, 2224 Garrity, Edward R., Jr. 2188 Garzia, Fernando M., 302 Gast, Klaus Kurt, 173 Gazdar, Adi F., 97S Gefeller, Olaf, 731 Gehlbach, Brian K., 669 Gelfand, E.W., 1098 Genofre, Eduardo H., 2268 Genoni, Michele, 418 Gentlesk, Philip J., 297 George, P. Jeremy, 958

Geppert, Engene, 669 Gera, Lajos, 1488 Geraci, Mark W., 141S Gerbase, Margaret W., 1033 Gesten, Foster, 1359 Gigliotti, Francesco, 459 Gildea, Thomas R., 1286 Gilmartin, John J., 354 Girgis, Reda E., 281 Gislason, Thorarinn, 2101 Gläser, Sven, 368 Gluck, Oscar, 1859 Goldberg, Allen I., 365 Golding, Richard P., 2083 Goldman, Christine, 1248 Goldman, Michael, 1248 Golpon, Heiko, 1415 Goltz, Hayden R., 1059 Gonçalves, Marta A., 2091 Gong, Michelle Ng. 203 Gonzalez, Adriana L., 1028 Gonzalez, Isabel, 1173 Gonzalez, Xavier, 633 González-Avila, Georgina, 466 González-Mangado, Nicolás, 1500 Goodglick, Lee, 140S Goor, Daniel, 1431 Gopal, Karthikeyan, 1536. Goraya, Tauqir Y., 397 Górecka, Dorota, 1958 Gosney, John R., 108S Gosselink, Rik, 1589 Gotfried, Mark H., 52S Gottschall, E. Brigitte, 83S Gould, Michael K., 1446 Goulenok, Cyril, 1441 Govert, Joseph A., 1040 Gozal, Yaacov, 644 Graff, Gavin R., 1132 Graham, LeRoy M., 1118 Graham, Petra L., 1458 Grannis, Frederic W., Jr., 350, 439, 1328 Grandenz, Gustavo S., 326 Grazzini, Michela, 459 Greaves, Susan Melanie, 1536 Greenberg, Richard N., 2135 Greene, Catherine M., 1952 Greenfeld, Michal, 872 Griffin, Chris, 1753 Grinton, Stephen, 800 Grize, Leticia, 1124 Grossman, Ronald F., 1148 Gruber, Michael P., 1960 Gugger, Matthias, 704 Guggino, William B., 143 Guilleminault, Christian, 2091 Gulielmos, Vassilios, 2253 Guo, Yihe, 110S Gutman, Jonathan A., 2322

Habet, Kalim J., 1182 Hadjiliadis, Denis, 1040 Haegele, Albert D., 838 Haggart, Kay, 1372 Haitsma, Jack J., 1980 Hall, Jesse B., 1081 Halle, Jan S., 2294, 2300 Hallemans, Roger, 1174 Hamblett, Nicole, 509 Hamilton, Robert, 293 Hammersly, Jeffrey, 1558 Han, Shouwei, 1348

Han, Sung Koo, 945 Hanausek, Margaret, 1288, 1498, 1498 Hankinson, John L., 1902 Hanley-Lopez, Jean, 924 Hansell, David M., 522 Hanson, Bernard, 1174 Hanson, C. William, III, 1579 Haponik, Edward F., 307 Hara, Ryusuke, 340 Harari, Sergio, 135 Hardie, Jon A., 2053 Harding, Susan M., 112 Hare, Karyl L., 1507 Harf, Alain, 1012 Harinos, Maria, 43 Harkins, Michelle, 1176 Harrell, James H., 1160 Harris, Curtis, 83S, 101S Harrison, Aleck J., 1726 Hasani, Amir, 1726 Hashem, Bassam, 1151 Hastings, Randolph H., 150S Hauptman, Eli, 56 Häussinger, Karl, 164S Häussler, Achim, 418 Hayabuchi, Naofumi, 737 Havano, Jun-ichiro, 683 Hayes, James, 587 Heald, Alison E., 509 Heasley, Lynn E., 1228 Hecht, Marketa, 1446 Heckbert, Susan R., 1665 Heffner, John E., 1190 Heinonen, Erkki, 1077 Helders, Paul J. M., 1299 Helfrich, Barbara, 1488 Hellermann, Jens P., 397 Helman, Donald L., 990 Hemilä, Harri, 557 Hendeles, Leslie, 453 Henderson, Laura-Jane, 1048 Henke, Markus O., 708 Henschke, Claudia I., 1522 Herman, James G., 1198 Hernández, Noelina, 1306 Herth, Felix, 322 Henze-Vourc'h, Nathalie, 1408 Heyrman, Jan, 1394 Hickey, Eileen M., 1406 Hidalgo, Giovana E., 1058 Hilleman, Daniel E., 435, 691 Hillen, Berend, 1805 Hirai, Tadakazu, 2361 Hirai, Tovohiro, 63 Hiraki, Akio, 987 Hirata, Kazuto, 1368, 1700 Hirsch, Fred R., 1098 Hirschowitz, Edward A., 1058 Hittelman, Walter N., 110S Hoang, Chuong D., 1843 Hodder, Richard V., 305 Hoffstein, Victor, 2101 Hofseth, Lorne L., 83S Högman, Maricann, 1077 Hold, Michael D., 1472 Holden, William E., 1753 Holgate, Stephen, 1378 Holland, Anne, 1169 Hollenberg, Steven M., 1577 Holmes, Carmack, 439 Holmstrom, Amy, 1413 Holsworth, Lynda, 43 Homnick, Douglas N., 1507

Hoppe, Hanno, 704 Horio, Hirotoshi, 1742 Hoshimoto, Masayo, 182 Hoshino, Yuma, 63 Hosokawa, Ryohei, 2107 Hsu, Hsao-Hsun, 50 Hsu, Li-Han, 532 Huang, Han-Yu, 1693 Huang, Laurence, 1602 Hubbard, Neil E., 1467 Huber, Rudolf M., 1648 Huchon, Gérard, 953 Hudgel, David, 1596 Huerta, Guillermo, 691 Huez, Sandrine, 2121 Huggins, John T., 1190 Hui, David S., 1768 Hull, Frank P., 2146 Hung, Wei Chin, 390 Hurley, Judith S., 1642 Hurteau, G.J., 1078 Hussain, S. Perwez, 838 Hwangbo, Young, 1998 Hyson, Anne, 974 Hyvärinen, Liisa, 1985

Idris, Ahamed II., 1948 Igarashi, Natsuhiko, 1963 Iglesias, Julio, 1837 Igoumenidis, Nikos E., 377 Ikeda, Norihiko, 167S Iles, Stephen, 1651 Im, KyungAh, 597 Ingbar, David, 1514 Inoue, Hiroshi, 2361 Inoue, Ken-iehiro, 1964, 2365 Insalaco, Giuseppe, 2363 Ip, Mary S. M., 127 Ip. Toi Yan, 127 Irvin, Charles G., I Irwin, Richard S., 482, 1512, 1910 Ishikawa, Akira, 935 Ishikawa, Hiroichi, 1965 Ishikawa-Nishi, Mitsuko, 2115 Ishkanian, Adrian, 1048 Itami, Jun. 340 Ito, Isao, 63 Ito, Toshikazu, 935 Itoh, Haruki, 182 Iwanaga, Shiro, 384 Iwasaki, Manabu, 2247 Izquierdo, Jose-Luis, 953

Jackson, Catherine M., 1372 Jackson, Mary, 1518 Jacobsen, Steven J., 397, 1205 Jaffe, Allan S., 275, 2097 Jaffe, H. Ari, 813 Jain, Prasoon, 712 Jain, R.J., 1078 Jaklitsch, Michael T., 2175 Jakowlew, S., 109S Jamaleddine, Ghassan W., 592 Jang, An Soo, 1998 Janower, Murray L. 1167 Janssen, Paul P., 2021 Janssen-Heijnen, Maryska L. G., 1735 Jantz, Michael A., 784 Jeger, Raban V., 1124 Jensen, Robert L., 1279 Jerng, Jih-Shuin, 1052 Jett, James, 152S, 158S

Jiang, Bao Hua, 2247 Jimenez, Cynthia A., 1028 Jiménez, Francisco Javier Gó, 831 Johanson, Wanda, 1514 Johansson, Gunnar, 916 John, Roy M., 1977 Johnson, Derek B., 1951 Johnson, Fred L., 1578 Johnson, Margaret, 800 Johnston, Michael, 1591 Johnstone, David, 800 Jones, Craig A., 924 Jones, David R., 118 Jones, Marilyn, 2224 Jones, Mark Trevor, 1536 Jones, Paul, 953 Jones, Steven, 978 Jönsson, Linus, 1680 Joseph, Christine L. M., 1674 Joseph, Keith, 974 Juang, Shyh-Shiann, 1213 Jubran, Annal, 2188 Judelson, Daniel A., 909 Judson, Marc A., 353, 997 Julian, Mark W., 793 Júnior, Heitor Moreno, 823 Juniper, Elizabeth F., 93

Kadner, Alexander, 418 Kadota, Jun-ichi, 1239 Kahn, Daniel, 494 Kaiser, Christoph, 1124 Kaiser, Laurent, 1033 Kaiserman, Morrys C., 2366 Kalil, Andre C., 2370 Kalil, Jorge, 326 Kaluski, Edo, 1431 Kamalesh, Masoor, 2340 Kaminski, Naftali, 1118 Kaminsky, David A., 1958 Kamioka, Mikio, 2115 Kamp, David W., 1103 Kanakakis, John, 1198 Kanazawa, Hiroshi, 1368, 1700 Kanda, Akio, 2160 Kaneider, Nicole C., 212 Kaneko, Hidehiro, 384 Kapotsis, George E., 770 Kaprio, Jaakko, 557 Karlsson, Göran S., 916 Karmpaliotis, Dimitri, 197 Kataria, Yash P., 997 Kato, Harubumi, 1678 Kato, Seiva, 737 Katoh, Daiki, 340 Katz, Michael G., 56 Kauczor, Hans-Ulrich, 173 Kavuru, Mani S., 1286 Kawaguchi, Takeshi, 1144 Kayegeshe, Liliane, 1174 Keane, Michael, 1338, 1568 Keith, Robert L., 798, 1098, 1418 Keller, Cesar, 361, 800 Kelley, Mark A., 1514 Kelley, W., 1638 Kellum, John A., 243 Kelly, Kerry J., 1256 Kelly, Kindra M., 1483 Kelly, Rosemary F., 815, 1413 Kemp, Roger, 1578 Kennedy, Timothy C., 1098 Kernstine, Kemp, 494 Kessinger, Anne, 1568

Hopkins, James, 1635

Keyeux, André, 502 Keyser, Rebecca, 62S Khan, Siddiq, 1776 Kharitonov, Sergei A., 2005 Khashab, Mohammed M., 2135 Khorana, Amparo, 1446 Kikuchi, Eiki, 1138 Kim, Do Jin, 1998 Kim, Sunghye, 473 Kim, Young Whan, 945 Kimia, Tania, 924 Kimpen, Jan L., 1299 Kimura, Michitaka, 1144 King, Judy, 150S King, Talmadge E., Jr., 2169 Kingshott, Ruth N., 118 Klapsinos, Nikos C., 377 Kleber, Franz Xaver, 368 Klein, G., 163S Klein, Magdalena, 1166 Klijn, Peter H. C., 1299 Klimathianaki, Maria, 71 Klippenstein, Donald, 163S Klugman, Keith, 1888 Klutstein, Marc W., 1610 Knaut, Michael, 2253 Knight, Charles R., 1558 Knockaert, Daniel, 1561 Knox, Kenneth S., 330 Ko, Fanny W., 1768 Ko, Jen-Sheng, 532 Kobal, Sergio L., 293 Kocevar, Vasilisa Sazonov, 1680 Kochiadakis, George E., 377 Koehler, Dieter, 2069 Köhler, Martina, 1706 Kohno, Shigeru, 1239 Koike, Akira, 182 Kolarova, Lenka, 1033 Kolb, Susan M., 1406 Kolbe, Tilman, 580 Kollef, Marin H., 7, 607, 1791, 2224 Komiyama, Takafumi, 340 Kondo, Tatsuva, 340 Kooloos, Jan G., 1805 Koscielny, Serge, 315 Kositanont, Uraiwan, 2011 Koskela, Heikki O., 1985 Kostianev, Stefan, 802 Kotani, Yoshikazu, 1747 Kotsimbos, Tom, 1169 Kpodonu, Jacques, 813 Kramer, Paula, 1578 Krasemann, Thomas, 799 Krätzel, Kirsten, 1706 Kratzke, Marian G., 1843 Kratzke, Robert A., 1843 Kraus, Thomas, 731 Kreider, Mary Elizabeth, 798 Kreit, John W., 1539 Kristensen, Frederik, 1680 Kritski, Afranio L., 2366 Krivopal, Mark, 1167 Krupsky, Meir, 1118 Krysan, Kostvantyn, 140S Kufel, Thomas L., 2036 Kufer, Peter, 1648 Kunzelman, Karyn S., 404 Kuo, Ping-Hung, 1960 Kuo, Shuenn-Wen, 50 Kupila, Jukka Tapani, 879 Kurie, Jonathan M., 141S Kuriyama, Takayuki, 1963

Kusumoto, Fred M., 1597, 1974 Kvale, Paul, 27 Kwek, Boon Han, 2356 Kyriakou, Despina S., 1546 Kyriakov, Despina, 71

Laghi, Franco, 2188 Lahiri, Bimalin, 1966 Laifer, Gerd, 981 Lam, Bing, 127 Lam, Stephen, 978, 1048, 1538 Lam, Wah Kit, 127 Lam, Wan, 97S, 104S Lambert, Francine, 236 Lamberto, Christine, 2061 Land, Stephanie R., 1168 Lands, Larry C., 1019 Lange, Peter E., 368 Langeron, Olivier, 236 Laniado-Laborín, Rafael, 429 Lanini, Barbara, 459 Laos, Luis F., 766 Lareau, Suzanne, 1597 Larj, Michael J., 1590 Larrazet, Fabrice, 2182 Laszlo, Gabriel, 2372 Latorre, Maria do Rosário D. O., 326 Lau, Arthur Chun-Wing, 1292 Lau, Lee Sung, 2345 Lauder, Ian J., 127 Lauer, Michael S., 1286 Lavoué, Sylvain, 1815 Law, Kin Ip, 2345 Lawless, Matthew W., 1952 Lawrie, Thomas, 1160 Le Heron, Campbell J., 1651 le Riche, Jean C., 153S Le Toumelin, Philippe, 2061 Leacche, Marzia, 1581 Lebeau, Bernard, 1761 LeBean, Helena, 1528 Lebeau, Jacques, 864 Lecarpentier, Yves, 236 Lechin, Alex E., 348 Lechin, Fuad, 348 Lee, Alex T. H., 2345 Lee, Choon-Tack, 945 Lee, Daniel K. C., 1372 Lee, Jang-Ming, 50 Lee, June Hyuk, 1998 Lee, Pyng, 165, 1315 Lee, Young Mok, 1998 Lee, Yu-Chin, 1693 Lee, Yung-Chie, 50 Leet, Terry, 1959 Leeth, Angela M., 1472 Lena, Hervé, 1815 Lenox, Robert J., 13 Leo, Francesco, 1170 LeRiche, Jean, 97S Leuchte, Hanno H., 580 Leung, Godwin Tat-Chi, 1292 Leung, Natalie Y. Y., 2345 Lever, Alvin, 1512 Levin, Stephen, 1248 Levine, Stephanie M., 1224 Levy, Howard, 587, 2206 Levy, Patrick, 864 Lewinsolm, David M., 1753 Lewis, Toby C., 1665 Lewith, George T., 1783 Ley Sebastian, 173

Li, Jian-hua, 410

Li. Marilyn, 924 Li, Thomas S., 1768 Libby, Daniel M., 1522 Liesching, Timothy N., 886 Light, Richard W., 2268 Liistro, Giuseppe, 502, 841 Lim, Kaiser G., 336 Lima, Danielle M., 2366 Limper, Andrew H., 1063 Lin, Pyng Jing, 228 Lin, Ying, 140S Lindesmith, Larry A., 1902 Linnoila, Ilona R., 101S Lip, Gregory Y. H., 2361 Lipson, David A., 798 Lipworth, Brian J., 1372 Little, James V., 1176 Liu, Chia-Chuan, 532 Liu, Ching-Chuan, 566 Liu, Gang, 115S Liu, Manlan, 1674 Lo, Matthew Kwok-Wing, 1292 Lode, Hartmut, 1343, 1888 Loewen, Gregory, 163S Lonergan, Kim, 97S Lonks, John R., 1888 Lopes da Fonseca, Benedito A., 2366 Lopez, Robert, 102S López-Encuentra, Angel, 156 Lopez-Jimenez, Francisco, 397, 1205 Lorusso, Roberto, 1830 Louis, Renaud, 489 Loukides, Stelios, 1005 Loyo, José G., 1306 Lu, Tao, 1108 Lubet, Ronald, 144S, 157S Lucarelli, Maria R., 793 Lugo, Alejandra, 1279 Lugo, Alejandro, 1993 Lukanich, Jeanne M., 2175 Luketich, James D., 116S Lumry, William, 1378 Luna, Carlos M., 1192 Luo, Jie, 140S Lushniak, Boris D., 1256 Lutz, Marin, 133S, 156S Lyng, Philip, 800

MacAulay, Calum, 97S, 104S Macie, Christine, 1616 MacNee, William, 1837 Madda, John, 1776 Maddaus, Michael A., 1843 Madgwick, Richard G., 901 Madhani, Farah K., 2372 Madias, John E., 1179 Mador, M. Jeffery, 2036 Maeda, Tadashi, 987 Maekawa, Yuichiro, 384 Maessen, Jos G., 2196 Mahler, Donald A., 77 Mahoney, Martin, 1638 Mahut, Bruno, 1012 Maillet, Jean-Michel, 799 Malagari, Katerina, 770 Malarkey, David, 2278 Malesker, Mark A., 691 Malhotra, Atul, 197 Malik, Sved, 800 Malkinson, Alvin M., 109S, 154S Mallitz, Kristen, 1579 Mandell, Lionel, 1888 Manfreda, Jure, 1657

Kushibe, Keiji, 1144

Manoliu, Radu A., 2083 Manowitz, Amy, 152S Manterfield, Christianne, 43 Manthous, Constantine A., 856, 1593, 2367 Maranetra, Khun Nanta, 2011 Marchese, Roberto, 2029 Marchi, Evaldo, 2268 Marcos, Maria A., 1343 Marcus, J. Tim, 572 Marcus, Lynne, 1512, 1518 Marcy, Theodore W., 1958 Margolis, Benjamin D., 2206 Marín, Julio, 1400 Mark, Eugene J., 197 Marklund, Marie, 1270 Markowitz, Steven, 152S Marks, John H., 1507 Markwood, Thor T., 297 Marques, Koen M. J., 572 Marra, Marco, 97S, 104S Marrone, Oreste, 2363 Marshall, Bruce C., 1S Marte, Ana, 886 Martínez, Carlos José Álvarez, 156 Martínez, Isabel, 817 Martinez, José Antônio Baddi, 425 Martinez, Patricia, 1665 Martinez-Williams, Cara, 110S Martin-Mosquero, M. Carmen, 1500 Maruyama, Junko, 2247 Maruyama, Kazuo, 2247 Maruyama, Masahiro, 2160 Mason, Robert J., 1098 Massad, Malek G., 813 Massarelli, Philip S., 1019 Massion, Pierre P., 102S Mastronarde, John, 330, 2340 Mastropasqua, Filippo, 191 Matera, Maria Gabriella, 9 Mates, Michal, 1610 Mathisen, Douglas L., 1581 Mathur, Praveen, 148S Matot, Idit, 644 Matschke, Klaus, 2253 Matsumoto, Hisako, 1352 Mattoes, Holly M., 965 Mawulawde, Kwabena, 1853 Maxfield, Roger A., 777 May, Clive N., 2260 Mayo, Paul H., 1059, 1800 Mayr, Andreas L., 212 Mazzarella, G., 135 McCarthy, Kevin, 1286 McCool, F. Dennis, 797 McCormack, Meg. 1424 McCrory, Connail, 1321 McElvaney, Noel G., 1952 McLaughlin, Kelley, 494 Mecklenburg, Ingo, 164S Medalion, Benjamin, 56 Medina, Justine, 1514, 1518 Meerkin, David, 1610 Mehdian, Ramin, 98 Mehra, Mandeep R., 805 Mehta, Atul C., 165, 712 Mejia, Mayra, 617 Meli, Yvonne, 712 Melin, John Henry, 879 Menda, Yusuf, 494 Mendelsohn, Aaron B., 597 Mendelson, David, 803

Merchant, Farrukh, 140S Merrick, Thomas A., 109S Mery, Carlos M., 2175 Metersky, Mark, 1959 Metintas, Muzaffer, 2156 Meurin, Philippe, 2182 Meverden, Ryan A., 1205 Meyer, A.M., 109S Meyer, Bernard, 1761 Meysman, Marc, 723 Micek, Scott T., 1791 Michard, Frédéric, 1166 Michaud, Gregory, 1977 Midthun, David E., 158S Milie-Emili, Joseph, 98, 2075 Milla, Carlos, 509 Miller, Albert, 152S Miller, David P., 203 Miller, Hilton, 1431 Miller, Jeffrey A., 152S Miller, Sara, 494 Miller, Wayne L., 275 Miller, York E., 798, 1098, 1118, 1278 Millman, Richard P., 886 Minai, Omar A., 165 Minakuchi, Masayoshi, 1352 Mink, Steven N., 633 Minna, John, 104S Minowada, George, 111S Mira, Jean-Paul, 1441 Miravitlles, Marc, 811 Mishima, Michiaki, 63, 1352, 2107 Mishima, Takayuki, 1821 Miske, Laura J., 1406 Mitani, Yoshihide, 2247 Miyajima, Kuniharu, 97S Miyasaka, Kazuo, 1138 Modell, Jerome H., 1948 Mohiuddin, Sved M., 435 Molfino, Néstor A., 1929 Molina, Luis, 143 Monaghan, Hannah, 522 Monakier, Daniel, 1610 Monchi, Mehran, 1441 Monroe, Alan T., 784 Montana, Gustavo, 1424 Montaño, Martha, 466 Montes de Oca, María, 1306 Moon, Thomas, 1198 Moore, Mark D., 141S Morales, Fernando, 1170 Morato-Castro, Fabio F., 326 Morgenthaler, Timothy I., 336 Morimatsu, Hiroshi, 2260 Mörk, Ann-Christin, 93 Mørkve, Odd, 2053 Morley, Melissa A., 2140 Morphew, Tricia, 924 Morray, Barbara, 1665 Morrell, Mary J., 1587 Morresi-Hauf, Alicia, 164S Morris, Alison, 1602 Morris, Gilbert F., 85S Morris, M. Jocelyn, 901 Mortensen, Shila, 154S Mosen, David, 1635 Moshkovitz, Yaron, 1431 Moskowitz, David, 2369 Moss, Richard B., 509 Mota, Gustavo Assis, 425 Mouroux, Jérôme, 1170 Mukae, Hiroshi, 1239 Mulgrew, Alan T., 1952

Müller, Nestor L., 737

Mundorff, Michael, 1635 Mundy, Linda M., 1959 Munoz, Francisco José, 1588 Murakami, Gen, 935 Murakami, Tomoyuki, 987 Muralidharan, Visvanathan, 856 Murar, Jozef, 1413 Murin, Susan, 1467 Muro, Shigeo, 63 Morthy, Sudish, 165 Mutz, Norbert J., 212 Myers, Jonathan, 1920

Nadrous, Hassan F., 1028 Naeije, Robert, 2121 Nagai, Atsushi, 626 Nagai, Sonoko, 63 Nakamura, Takaya, 2107 Nakanishi, Albert K., 1961 Nanas, John N., 1198, 1492 Nanas, Serafim N., 1198 Nana-Sinkam, Patrick, 141S Narasimhan, Mangala, 1800 Narog, Maciej, 149S Naruke, Tsuguo, 1742 Nason, Robert, 1472 Natarajan, Raj, 163S Nathan, Steven D., 990 Naughton, Matthew, 1169 Nava, Enriqueta, 163S Nemenoff, Raphael A., 141S Neslund-Dudas, Christine, 27 Neuhauser, Melinda M., 22 Neurohr, Claus F., 580 Ng, Alan Wei Keong, 1315 Nguyen, Delphine, 489 Nicholson, Andrew G., 522 Nicod, Laurent P., 1033 Nicolau, David P., 965 Niimi, Akio, 1352 Nishijima, Tsuguo, 1963 Nishimura, Masaharu, 1138 Nishizaka, Mari K., 112 Noguera, Aina, 1837 Nomori, Hiroaki, 1046, 1742 Noppe, Stephanie, 1174 Noppen, Marc, 723 Norris, Wendi, 404 Notwick, Amy R., 858 Nunes, Hilario, 2061

Obeidat, Omar, 1218 O'Brien, Aidan, 965 Odabasi, Aygul, 2336 Odavic, Dragan, 418 Ofori-Acquah, Solomon, 150S Ogawa, Satoshi, 384 O'Grady, Naomi P., 260 Oh, Juliana J., 102S Ohar, Jill, 744 Ohi, Motoharu, 2107 Ohtsuka, Takashi, 1742 Okumiya, Toshika, 2115 Olenchock, Stephen A., Jr., 302 Olschewski, Horst, 344 Olson, Amy L., 2322 Olson, Dan E., 155S Olson, Eric J., 2097 Olson, William H., 2135 Omenn, Gilbert S., 123S Omron, Edward M., 1169 O'Neill, Shane L., 1952

Mendez, Jose L., 1028

Mentzer, Steven J., 2175

Mensa, Jose, 1343

Onodera, Yuya, 1138
Onody, Peter, 315
Oohara, Reiko, 182
Opitz, Christian F., 368
Ormiston, Thomas M., 2309
Ortega, Mercedes, 1500
Osborne, Molly L., 1753
Osmon, Stephen, 607
Osswald, Stefan, 1124
O'Sullivan, Brian P., 1265
Ouchi, Yasuyoshi, 349, 801, 1964
Oudshoorn, Annemarie, 1299
Ouellette, Daniel R., 3
Oyer, Ryan J., 1418
Özarslan, Aysen, 2156

Paciocco, G., 135 Packard, Kathleen A., 435 Padilla, Geraldine, 439 Padilla, Maria L., 1968 Paiva, Teresa, 2091 Palcie, Branko, 1578 Palella, Frank J., Jr, 548 Palmer, Scott M., 1040 Pan, Shin-Hung, 541 Panagou, Panayotis, 1005 Pang, Jong-Hwei S., 228 Panitch, Howard B., 1406 Pao, W., 1098 Papadakos, Peter J., 1980 Paparounas, Konstantinos, 349 Papatheodorou, George, 1005 Papiris, Spyros A., 770 Pappas, Anastasia N., 2175 Panada, Jorge P., 548 Pardo, Annie, 617 Parish, James, 800 Park, Choon-Sik, 1998 Park, Sung-Woo, 1998 Parker, Annie Lin, 797 Parmigiani, Giovanni, 103S Parrillo, Joseph E., 775 Partinen, Markku Mikael, 879 Pascual, Jorge, 800 Pasmantier, Mark W., 1522 Passam, Freda H., 1546 Patel, Sanjay R., 197 Patrick, Daniel, 2278 Patterson, Robert, 1635 Paul, Subroto, 1581 Paz, I. Benjamin, 1328 Pearson, Gregory D., 104S Pecchiari, Matteo, 2075 Peces-Barba, German, 1500 Pecis, Marica, 1387 Peden, David B., 2328 Pedersen, Mikkel W., 154S Pedersen, Nina, 154S Pedretti, Roberto F. E., 191 Pek, Wee Yang, 1315 Pellegrino, Riccardo, 1714 Pelucchi, Andrea, 2075 Peng, Xuejun, 1058 Pennathur, Ariun, 1853 Pépin, Jean-Louis, 864 Pera, Guillem, 1335 Perez, Andrew, IV, 2351 Perl, Trish M., 307 Perng, Diahn-Warng, 1693 Perng, Reury-Perng, 1693 Perreira, Michael, 1578 Perrier, Arnaud, 807 Persky, Victoria W., 1685

Petelle, Boris, 1761 Peters, Stephen P., 1590 Petty, Thomas L., 797, 1098, 1638 Pfahlberg, Annette, 731 Pfeifer, Michael, 1706 Pfisterer, Matthias E., 1124 Phan, Laura, 548 Pharand, Chantal, 652 Phelps, David S., 617 Phillips, Roderick J., 156S Pickkers, Peter, 1805 Pineda, Jose A., 1948 Pinkerton, Kent E., 128S, 1467 Pino, José M., 817 Pisarski, Marianne, 85 Pitta, Fabio, 1589 Plataki, Maria, 1005 Platt, Judy A., 106S Pold, Mehis, 140S Polkey, Michael L., 1587, 2069 Pons, Antonia R., 1837 Poppe, Kris, 723 Porcel, José Manuel, 160 Porthan, Kimmo Markus, 879 Portik-Dobos, Vera, 1853 Posner, Adam J., 1800 Postmus, Pieter E., 572, 1735, 2083 Pothier, Claire, 1286 Poulsen, Hans Skovgaard, 154S Poulsen, Thomas T., 154S Powell, Charles A., 104S, 115S Powers, John H., 353 Pozza, Enzo, 796 Pozzi, Ernesto, 1714 Preiss, David, 1155 Prescott, Philip, 1783 Prezant, David J., 1256 Prindiville, Sheila A., 1098 Psathakis, Kostas, 1005 Puighó, Juan J., 1306 Puumala, Susan E., 2370

Queluz, Thais Thomas, 798 Quiron, Karine Badra, 1019 Qureshi, Mohammad A., 281

Raabe, Otto G., 128S Rabbitts, Pamela H., 95S Rahman, S.M. Jamshedur, 102S Raich, Peter C., 1498 Raithel, Hans Jürgen, 731 Rakotonanahary, Dominique, 1761 Ramanuja, Srinivasan, 2340 Ramirez, Julio, 1888 Ramos, Carlos, 466 Ramos, Elizabeth, 2091 Ramsey, Bonnie, 509 Rannels, D. Eugene, 110S Raphael, Bernard, 864 Rascona, Dominick A., 1595 Raskob, Gary E., 851 Rasty, Saeed, 1821 Rathbun, Suman W., 851 Raymond, Christel Saint, 864 Raymond, Lawrence W., 1186 Redding, Gregory L., 1665 Reddy, Jvotsna, 97S Reed, James F., III, 302 Reeder, Guy S., 275, 397, 1205 Reich, Jerome, 351, 1171 Reid, Mary, 163S Reily, Daniel J., 1579

Reina-Toral, Antonio, 831 Renaud, Nathalie, 2182 Reuthebuch, Oliver, 418 Revehler, Gregory, 502 Revnaert, Marc. 841 Rich, Michael, 974 Rieneck, Klaus, 154S Riethmüller, Gert, 164S Rigby, John P. V., 1594 Rijhwani, Tanuja, 2369 Rikimaru, Toru, 737 Riou, Bruno, 236 Rissmiller, Richard W., 1590 Rivera, M. Patricia, 2294, 2300 Rizzi, Maurizio, 1387 Robbins, Richard A., 22 Roberts, Melissa, 1642 Robinette, Emory, 1578 Robinson, Keith J., 766 Robles, Ana L. 83S Rocha, Ana T., 1424 Rochat, Thierry, 1033 Rodenstein, Daniel O., 502 Rodman, David, 509, 1S Rodrigo, Carlos, 1081 Rodrigo, Gustavo J., 1081 Rodrigues, António Luiz, Jr., 425 Rodriguez, Andres, 1170 Roeleveld, Roald J., 572 Roeseler, Jean, 841 Roger, Véronique L., 397, 1205 Rogers, Robert M., 2351 Rohweder, Linda, 404 Rom, William N., 2146 Romagnoli, Isabella, 459 Roman, Jesse, 134S Roohan, Patrick, 1359 Roongsritong, Chanwit, 1877 Rose, Cecile S., 83S Rosė, Frank, 344 Rosen, Mark J., 1800 Rosenow, Edward C., III, 336 Rosenzweig, Erika Berman, 1157 Rossetti, Maria Lucia, 2366 Roussel, Élise, 106S Roussos, Charis, 770 Roviaro, G.C., 135 Rowe, Brian H., 473, 1961 Rowlands, Deborah M., 302 Rubin, Bruce, 1961, 70S Rubinstein, Israel, 22 Rubio, Maria L., 1500 Rudensky, Bernard, 1610 Ruiz, Victor, 466 Ruiz-Bailén, Manuel, 831 Rundell, Kenneth W., 909 Rutherford, Robert M., 354 Ryu, Jay H., 1028, 1063, 2169

Sabahi, Ramin, 856
Sabbah, Hani N., 1821
Sabbe, Marc, 1561
Sabha, Maricene, 823
Sadighi, Parvis J., 1951
Sadohara, Junko, 737
Sagnier, Pierre-Phillippe, 953
Sahn, Steven A., 353
Sakamoto, Toshihiko, 1747
Sakka, Samir, 1166
Sakurai, Kenji, 2361
Sakurai, Miho, 2365
Sakurai, Shigeru, 1963
Sala, Ernest, 1837

Salas, Jorge, 1993 Saldiva, Paulo H., 326 Salerno, Mario, 191 Sallis, James F., 429 Salloum, Anan, 856 Salmeron, Sergio, 236 Salpeter, Edwin E., 2309 Salpeter, Shelley R., 2309 Salvaggio, Adriana, 2363 Samet, Jonathan M., 80S Sánchez, Epifanio, 974 Sancho, Jesús, 1400 Sandur, Sunder, 712 Sansores, Raul H., 466 Sarcia, Paul J., 1483 Sarna, Linda, 439 Sarno, Maria, 1726 Sarosi, George A., 330 Sasaki, Hidetada, 2160 Sasaki, Takahiko, 2160 Sasson, Lior, 56 Sathyanarayana, Ubaradka G., 97S Sato, Toshio J., 935 Satoh, Hiroaki, 1965 Satouchi, Miyako, 1747 Sauca, Goretti, 1335 Saunders, Robert A., 1507 Saydain, Ghulam, 446 Scanlon, Paul D., 446 Scano, Giorgio, 459 Schaberg, Tom, 953 Schachner, Arie, 56 Schäfers, Hans-Joachim, 344 Schechter, Clyde, 1248 Schembri, Frank, 115S Schiopescu, Irina, 856 Schluger, Neil W., 2146 Schmalstieg, Frank C., 1472 Schmiedeskamp, Jörg. 173 Schmitt, Kelly A., 1157 Schnitzler, Mark, 1959 Schobersberger, Wolfgang, 212 Schoenhofer, Bernd, 2069 Schols, Annemie M. W. J., 2021 Schramel, Franz M. N. H., 2083 Schreiber, Gilbert, 1424 Schroll, Stephan, 1706 Schultz, Marcus J., 1167 Schulz, Christian, 1706 Schulz, Richard, 344, 597 Schwaiblmair, Martin, 580 Schwartz, Ann G., 86S, 89S Schwartzstein, Richard M., 1167 Schwarz, Marvin I., 1530, 2169 Scichilone, Nicola, 2029 Scoscia, Elvio, 2217 Scumpia, Philip O., 1483 Sears, Malcolm R., 1657 Seeger, Werner, 344 Segurola, Romualdo J., Jr., 1413 Seki, Masafumi, 1239 Sekizawa, Kivohisa, 1965 Seligson, David, 140S Sells, Tricia, 83S Selman, Moises, 617 Sergi, Margherita, 1387 Servera, Emilio, 1400 Seshadri, Niranjan, 1286 Sessler, Curtis N., 1514 Shafazand, Shirin, 1969 Shaffer, Mary, 2036 Shah, Vishal, 115S Shander, Aryeh, 2369

Sharp, J. Graham, 156S Shein, Jaquie, 97S Shen, Hsiu-Nien, 1052 Shian, Maria C., 104S Shigematsu, Hisayuki, 97S . Shim, Young-Soo, 945 Shin, Jae Seung, 1170 Shin, Sonya, 974 Shinagawa, Naofumi, 1138 Shirk, Mary Beth, 793 Shiyapurkar, Narayan, 97S Shofti, Rona, 1830 Shore, Eric, 965 Shorr, Andrew F., 260, 990 Shroyer, Kenneth R., 109S Shu, Qiang, 410 Shyr. Yu. 102S Siafakas, Nikolaos M., 71, 892, 1005, 1885 Sidell, Neil, 134S Siegel, Robert L., 293 Siegfried, Jill M., 1168 Siersted, Hans C., 1657 Sihoe, Alan D. L., 2345 Silkoff, Philip E., 151S Silva, Gerusa Alves, 425 Silverstein, Janet H., 1948 Simkeviciene, Vitalija, 148S Simoff, Michael, 27, 1488 Simon, Richard, 1S Simonds, Anita K., 1587 Sivan, Yakov, 872 Skillrud, David M., 1171 Skimming, Jeffrey W., 1483 Skinner, Margot A., 118 Skloot, Gwen, 1248 Slaga, Thomas J., 128S, 149S, 149S Slagel, D., 163S Slamon, Dennis J., 102S Slivka, William A., 1902 Smaldone, Gerald C., 2146 Smeenk, Frank W. J. M., 1735 Smit, Hans J. M., 2083 Smith, David, 1328 Smith, James P., 1522 Smulders, Sietske A., 1735 Snyder, Laurie D., 1719 Socinski, Mark A., 2294, 2300 Somers, Virend K., 2097 Somogyi, Ron, 1155 Song, Mingchen, 243 Song, Xiaoyan, 307 Sørensen, Susanne B., 154S Sortini, Andrea, 796 Sortini, Davide, 796 Sotos, John G., 1587 Sotto-Santiago, Sylk, 141S Soubani, Avman O., 281 Sousa, Márcio Gonçalves, 823 Speer, Christian P., 754 Spence, Richard, 2369 Spencer, Ann. 1753 Spencer, L. Terry, 509 Sperhacke, Rosa Dea, 2366 Spiering, Barry A., 909 Spindler, Angela J., 89S Spira, Avrum, 115S Spivack, Simon D., 107S Spruit, Martijn A., 1589 Spyropoulos, Alex C., 1642 Sredl, Diane, 85 Srinivasan, Arjun, 307 Sriram, P. S., 330

Sharief, Imran, 155S

Sharma, Sherven, 140S

Staats, Bruce, 336 Stabile, Laura P., 116S Ståhl, Elisabeth, 93 Ställberg, Björn, 916 Stanbrook, Matthew B., 150 Stark, James M., 1132 Stedman, Hilary, 43 Steele, Mark P., 1040 Stenlund, Hans, 1270 Sterling, David A., 744 Stevens, Gary, 453 Stevens, Troy, 150S Stewart, John M., 148S Stewart, Laimute T., 148S Stiver, Gregg, 1902 Stoller, James K., 712 Stoner, Julie, 2370 Stout, James W., 1665 Stout, Janet E., 2135 Strange, Charlie, 272 Stratakis, Diana F., 164S Strieter, Robert, 133S, 140S, 156S Stromberg, Arnold S., 105S Stuart, Mary, 695 Suchyta, Mary R., 5 Suemasu, Keiichi, 1742 Sufian, Beth, IS Sugarbaker, David L. 1581, 2175 Sugi, Kazuro, 796, 987 Sugiura, Tetsuro, 2115 Sumi, Kensuke, 2107 Sun, Xiao-nan, 410 Susla, Gregory M., 260 Sussman, Robert, 157S Sutherland, Chistina, 965 Sutton, Linda, 901 Suzuki, Makoto, 978 Svatikova, Anna, 2097 Svensson, Klas, 93 Sweet, Lamont, 1657 Szemraj, Janusz, 149S

Tabet, Jean Yves, 2182 Tácito, Lúcia Helena Buonalu, 823 Taflan, Peter M., 102S Tafreshi, Mehran, 1059 Tager, Ira B., 2328 Taggart, Clifford C., 1952 Tajima, Akihiko, 182 Takada, Yoshiki, 1747 Takahama, Makoto, 1144 Takahashi, Kazuhiro, 1963 Takahashi, Kenichi, 2107 Takahashi, Naoaki, 935 Takahashi, Takao, 97S Takano, Hirohisa, 1964, 2365 Takeda, K., 1098 Takemura, Masaya, 1352 Takeuchi, Hiroaki, 2115 Takeyama, Hiroyasu, 987 Tal, Asher, 2363 Tamaoki, Jun. 415 Tamm, Michael, 354 Tammemagi, C. Martin, 27 Tan, Dong Feng, 163S Tan, Lawrence, 633 Tan, Linhua, 410 Tang, Lawrence C. H., 127 Taniguchi, Shigeki, 1144 Tanus-Santos, Jose Eduardo, 823 Tao, Lianhui, 157S Tarasiuk, Ariel, 2363 Tashkin, Donald, 249, 439

Shanies, Harvey M., 2206

Tatsumi, Koichiro, 1963 Tauman, Riva, 872 Tavakoli, Reza, 418 Taylor, D. Robin, 118 Teirstein, Alvin, 1248 Teixeira, Lisete R., 2268 Temple, Suzanna E., 1599 Tennenberg, Alan M., 2135 Teramoto, Shinji, 349, 801, 1964 Terasaki, Hiroshi, 737 Terrovitis, John V., 1198, 1492 Thomas, Boban, 1588 Thomas, Charles F., Jr., 357 Thomas, Joseph. III, 1680 Thomas, Rémi, 1815 Thompson, Austin B., 156S Thompson, B. Taylor, 197, 203 Thompson, Henry J., 838 Thoreyska, Natalya, 856 Thys, Frédéric, 841 Tichelaar, Jay W., 1538 Fierney, Mathew J., 1951 Tisdale, James E., 1821 Tmoita, Tetsuji, 349 Tobin, Martin J., 2188 Todisco, Cristina, 2217 Todisco, Tommaso, 2217 Toews, Galen, 2278 Togias, Alkis, 2029 Tollok, Edward, 1579 Tomba, Todd, 587 Tomlinson, Brian, 1768 Tomono, Kazunori, 1239 Toms, Nathan, 1726 Topeli, Arzu, 2188 Toran, Pere, 1335 Tornling, Göran, 916 Torre, Massimo, 2289 Torres, Antoni, 811, 1343 Torres, Sonia H., 1306 Torres-Ruiz, Juan Miguel, 831 Tourniaire, Barbara, 315 Townsend, Mary C., 1902 Trajman, Anete, 2366 Tramarin, Roberto, 191 Tran, Thao, 1413 Troosters, Thierry, 1589 Trovillion, Ellen, 2224 Trudeau, John, 1518 Tsagalou, Eleftheria P., 1198 Tsai, Hsing-Chen, 1960 Tsai, Kuci-Ton, 1622 Tsai, Pi-Ru, 50 Tsao, Ming, 97S Tsiligianni, Ioanna, 71 Tsolakis, Elias, 1492 Tsoumakidou, Maria, 71 Tsuboi, Masahiro, 1678 Tsubota, Noriaki, 1747 Tsukino, Mitsuhiro, 63 Tullis, D. Elizabeth, 150 Turic, Bojana, 157S Turina, Marko, 418 Turino, Gerard M., 288 Turner, John G., 1651 Tzanakis, Nikolaos, 71, 892 Tzerakis, Panos G., 377 Tzivoni, Dan, 1610

Ueda, Tetsuya, 1352 Uliel, Shimrit, 872 Um, Sang-Won, 945 Umphress, S., 1098 Umstead, Todd M., 617 Uphold, Constance R., 548 Uretzky, Gideon, 1830 Uslenghi, E., 135 Uthaman, Babu, 1776 Uyeminani, Dale, 128S

Vachiéry, Jean-Luc, 2121 Valerio, Melissa A., 1674 Valeyre, Dominique, 2061 Valovirta, Erkka, 1680 van den Hoogen, Frank J. A., 1805 van der Dijs, Bertha, 348 van der Ent, Cornelis K., 1299 van der Hoeven, Johannes G., 1805 van der Molen, Thys, 1591 van der Net, Janjaap, 1299 van der Veen, Frederik H., 1830 Van Mieghem, Carlos, 1561 Van Til, Linda, 1657 van Veen, Jacques A., 1805 Vance, Gwendolyn, 15 Vandemheen, Katherine L., 2046 Vandercruys, Marleen, 2232 Vanzulli, Angelo, 2289 Vardas, Panos E., 377 Vargas, Francisco S., 2268 Vargas, Mario H., 1993 Varma, S., 107S Vassallo, Robert, 1028, 107S Vazquez, Francia, 1306 Vecchi, G., 135 Velkeniers, Brigitte, 723 Vender, Jeffery S., 1514 Venho, Kari Kauko Kalervo, 879 Venissac, Nicolas, 1170 Venkataraman, Ramesh, 243 Ventura, Hector O., 805 Vered, Zvi, 1431 Veriter, Claude, 502 Verschuren, Franck, 841 Vertrees, Roger A., 1472 Vesely, Alex E., 1155 Vesely, Sara K., 851 Vianna, Élcio Santos Oliveira, 425 Vignola, Antonio Maurizio, 2029 Villamor, José, 817 Villaseñor, Adriana, 429 Villena, Victoria, 156 Vincent, Gérard, 1761 Vincent, Jean-Louis, 2232 Vincken, Walter, 723 Virtamo, Jarmo, 557 Visser, Cees, 2196 Vives, Manuel, 160 Vock, Peter, 704 Voelker, Dennis R., 106S Voelker, Kirk G., 157S Vollmer, William M., 2053 von Allmen, Gabriel, 704 Vonk-Noordegraaf, Anton, 572 Vu, Kieu O., 127S

Wagner, Florian M., 2253
Wain, John, 197
Wakefield, Dorothy, 85
Walaszek, Zbigniew, 128S, 149S, 149S
Walder, Beat, 704
Waldow, Thomas, 2253
Walia, Rajat, 784
Walker, James M., 1279
Walter, Kristin L., 104S, 115S

Waltz, David, 509 Wang, Jieh-Neng, 566 Wang, Ligun Q., 104S Wang, Liqun Q., 115S Wang, Wei, 157S Wang, Xin W., 83S Wang, Yao-Chang, 228 Wang, Yian, 144S Ward, Herbert B., 815 Ward, Joseph, 77 Ward, Suzanne, 607, 1791 Warraich, Irfan, 1877 Wasi, Chantapong, 2011 Wasserman, Karlman, 1292 Waterer, Grant W., 1599 Watson, Spencer, 104S Weber, Hélène, 2182 Wei, Zhou, 203 Weiner, Daniel J., 1406 Weinrich, Michael, 695 Weiss, Scott T., 85 Welch, Barbara S., 2328 Wells, Athol U., 522 Welsh, Carolyn H., 2322 Wensel, Roland, 368 Wenzel, Sally, 1378 West, Kip A., 101S Weston, Susan A., 397, 1205 Wewers, Mark D., 1071, 1607 Wheeler, Arthur P., 2206 Whitaker, Donald, 2368 White, Lisa C., 1665 Whitsett, Thomas L., 851 Wickerts, Carl-Johan, 1077 Widmer, Andreas F., 981 Wiedermann, Franz J., 212 Wiener, Charles, 106 Wilkinson, Louis, 98 Willey, James C., 1558 Williams, E. Mark, 901 Williams, Kurt, 2278 Williamson, David R., 652 Wilson, John, 1169 Wilson, Nicola, 2005 Wilson, Robert, 953 Winn, Robert A., 122S Wise, Robert, 106 Witschi, Hanspeter, 128S Witt, Wolfgang, 2253 Wolf, Konrad, 1706 Wolf, Tamir, 1830 Wolfe, Pam, 83S Wolfenden, Linda L., 307, 1556 Wolk, Robert, 2097 Wong, Kar, 2206 Wong, Randolph H. L., 2345 Wongsurakiat, Phunsup, 2011 Woodruff, Susan L., 429 Wouters, Emiel F. M., 2021 Wozniak, Daniel J., 62S Wright, Theressa L., 2206 Wu, Chieh-Liang, 541 Wu, Chiung-Jen, 390, 1213, 1622, 1629 Wu, Jing-Ming, 566 Wu, Ming-Ho, 566 Wu, Yi-Cheng, 228 Wubbel, Catherine, 453 Wunderli, Werner, 1033 Wynkoop, Walter A., 15 Wynne, Rochelle, 43

Xu, Li-Lian, 203 Xue, Ying Ying, 133S

Yam, Loretta Yin-Chun, 1292 Yamaguchi, Yasuhiro, 349, 801 Yamamoto, Hiroshi, 349, 801, 1964 Yamaya, Mutsuo, 2160 Yamazaki, Koichi, 1138 Yamazaki, Takuva, 1920 Yanagisawa, Rie, 2365 Yanev, Ivan, 802 Yang, Pan-Chyr, 1052 Yang, Qin, 83S Yang, Tsung-Ying, 541 Yang, Yun-Chiu, 541 Yankaskas, James R., 18 Yankelevitz, David, 1522 Yao, Chih-Ta, 566 Yap, Wee See, 1315 Yasuda, Hiroyasu, 2160 Yasuma, Fumihiko, 683 Yeh, Chi-Hsiao, 228 Yeh, Kuo-Ho, 1622 Yi, Eunhee S., 1160 Yildirim, Hüseyin, 2156 Yildiz, Pinar, 527, 102S Yilmaz, Veysel, 527 Yim, Anthony P. C., 2345 Yin, Donald D., 1680 Yip, Hon-Kan, 390, 1213, 1622, 1629

Yokochi, Ayumu, 2247

Yokohori, Naoko, 626 Yoo, Chul-Gyu, 945 Yoo, Hugo Hyung Bok, 798 Yoon, Youngsook, 155S York, Eunice J., 148S Yoshika, Toskikazu, 1964 Yoshikawa, Junichi, 1368, 1700 Yoshikawa, Takahiro, 1700 Yoshikawa, Toshikazu, 2365 Yoshikawa, Tsutomu, 384 You, Ming, 144S Yu, Chong-Jen, 1052 Yu, Teng-Hung, 390, 1213 Yu. Victor, 1888 Yu, Victor L., 2135 Yugar-Toledo, Juan Carlos, 823 Yung, Rex, 148S Yunger, Thomas M., 1071

Zaas, David, 106
Zacharis, Evangelos A., 377
Zack, Jeanne E., 2324
Zadeikis, Neringa, 2135
Zakynthinos, Epaminondas G., 770
Zaloga, Gary P., 1195
Zaman, Mohammad A., 112
Zamani, Adil, 1966

Zambelli, Mara, 191 Zander, Dani S., 359 Zanotti, Ercole, 1589 Zaporozhan, Julia, 173 Zarka, Véronique, 1166 Zasik, Joseph M., 302 Zavorsky, Gerald S., 1019 Zech, Francis, 841 Zeitlin, Pamela L., 143, 509 Zellweger, Michael J., 1124 Zerah-Lanener, Françoise, 1012 Zhang, F., 109S Zhang, Yu, 153S Zhang, Ze-wei, 410 Zhang, Zhongqiu, 144S Zhong, Li, 105S Zhu, Li, 140S Zhu, Xiong-kai, 410 Zhu, Zongjian, 83S Zimmerli, Werner, 981 Zlotecki, Robert A., 784 Zöbelein, Petra, 731 Zoia, Maria C., 1714 Zoltaszek, Robert, 1498 Zuyderduyn, Scott, 97S Zwerdling, Robert G., 1265 Zwischenberger, Joseph B., 1472

SUBJECT INDEX Volume 125 (JANUARY-JUNE, 2004)

Almormalities: See also Genetics; assessment of symptoms and exercise capacity in evanotic patients with congenital heart disease, 368

Absenteeism: See Schools

ACCP-SEEK board review question of the month, abnormal ECG in man admitted to ICU with chest pain and irregular pulse, 775

ICU admission for anterior myocardial infarction with shortness of breath, 1577

woman with chronic, improductive cough and left lower lobe lung mass. 1148

woman with COPD and fixed and dilated pupil following head trauma, 305

Acetyleysteine, N-, oral, elastase-induced pulmonary emphysema in rats, 1500

Achalasia, diffuse aspiration bronchiolitis due to, 349, 350

Acid-fast smear: See Tuberculosis

Acidification of distal esophagus and sleep-related breathing disturbances, 2101

Acidosis, hyperchloremic, effects of, on arterial pressure and circulating inflammatory molecules in experimental sepsis, 243 Acquired immunodeficiency syndrome: See HIV infections

Acupuncture, can a standardized technique palliate disabling breathlessness: a single-blind, placebo-controlled crossover study. 1783 Acute Asthma Quality of Life Questionnaire: See Questionnaires

Acute lung injury: See Lung injury

Acute respiratory distress syndrome (ARDS): See Respiratory distress syndrome, adult

Adeno-associated virus: See Cystic fibrosis

Adenocarcinoma, elevated hepatocyte growth factor level correlates with poor outcome in early-stage and late-stage adenocarcinoma of the lung, May Supp., 1168

evidence that inflammation encourages pulmonary adenocarcinoma formation in mice: clinical implications, May Supp., 1548

Adenoid eystic carcinoma: See Carcinoma

Adenosine deaminase, comparison of six biological markers for the diagnosis of tuberculous pleuritis, 987

Adenosine monophosphate, long-term dosing effects of mediator antagonists in inhaled corticosteroid-treated atopic asthmatic patients, 1372

Adenotonsillectomy, sleep apnea in children and, 2363, 2364

Adhesin, Feb. Supp., 638

Adhesion molecules: See Cell adhesion molecules

Adolescence, concordance between parental and children's reports of parental smoking prompts, 429

healthy male adolescents, environmental tobacco smoke may induce early lung damage in, 1387

normal polysomnographic respiratory values in children and adoles vuts, 872

sphincte: pharyngoplasty as a treatment of velopharyngeal incompetence in young people: a prospective evaluation of effects on sleep structure and sleep respiratory disturbance, 864

Adrenergic B adrenoceptor agonists, inhaled, and left ventricular systolic function, 1174

Adrenergic β agonists, asthma exacerbations and formoterol, 1590 cardiovascular effects of, in patients with asthma and COPD: a meta-analysis, 2309

Adrenergic β₂ agonists, acute asthma in adults: a review, 1081 long-acting bronchodilators are the first-choice option for the treatment of stable COPD, 9

Adult respiratory distress syndrome (ARDS): See Respiratory distress syndrome, adult

Aeroallergens: See Hypersensitivity

Aerosols: See also Corticosteroids, inhaled; Nebulizers; comparison of lung deposition in two types of nebulization: intrapulmonary percussive ventilation vs jet nebulization, 502

increased responses to inhaled oxitropium bromide in asthmatic patients with active hepatitis C virus infection, 1368

inhaled B-adrenoceptor agonists and left ventricular systolic func-

nebulized morphine: a convenient and safe alternative to dyspnea relief? 363

nebulized opioids use in COPD, 691

regional deposition of aerosolized interferon-y in pulmonary tuberculosis, 2146

repeated adeno-associated virus serotype 2 aerosol-mediated cystic fibrosis transmembrane regulator gene transfer to the lungs of patients with cystic fibrosis: a multicenter, double-blind, placebo-controlled trial, 509

Africa: See Gambia

African Americans, ethnicity and skin test reactivity to aeroallergens among asthmatic children in Connecticut, 85

sarcoidosis, race and short-term outcomes following lung transplantation, 990

smoking patterns in whites and, with advanced COPD, 15

Age and aging, a community study of sleep-disordered breathing in middle-aged Chinese women in Hong Kong: prevalence and gender differences, 127

changing patterns in asbestos-induced lung disease, 744 clinical practice of lung transplantation in North America, 1183 critical care professional societies address the critical care crisis in the United States, 1512

dosing practices and risk factors for bleeding in patients receiving enoxaparin for the treatment of an acute coronary syndrome,

effect of end point and, on the prognostic value of the exercise test,

endurance and strength training in patients with COPD, 2036

novel diagnostic test for the risk of aspiration pneumonia in the elderly, 801

prognostic value of stress testing in patients over 75 years of age with chronic angina, 1124

recognizing and treating glucocorticoid-induced osteoporosis in patients with pulmonary diseases, 1859

reference values for arterial blood gases in the elderly, 2053

steady-state intrapulmonary concentrations of moxifloxacin, levofloxacin, and azithromycin in older adults, 965

survey of clinical practice of lung transplantation in North America,

survival of patients with bronchiectasis after the first ICU stay for respiratory failure, 1815

AIDS: See HIV infections

Air conditioning, decreased respiratory symptoms after intervention in artificially ventilated offices in São Paulo, Brazil 326

Air leaks, lasers, staples, bovine pericardium, tale, glue and. . .suction cylinders? tools of the trade to avoid, in lung volume reduction surgery, 361

lung volume reduction surgery in canine model of predominantly upper lobe emphysema: advantages of new surgical system,

Air pollution: See Environmental exposure; Occupational and environmental lung disease

Air transport, successful aeromedical transport using inhaled prostacyclin for a patient with life-threatening hypoxemia, 1579

Airtrapping, lung density measurements in spontaneous pneumothorax demonstrate, 2083

Airway, activation of bronchial epithelial cells in smokers without airway obstruction and patients with COPD, 1706

antioxidants and oxidative stress as predictors of sputum atypia and airflow obstruction, May Supp., 1278

asthma and obesity: a real connection or a casual association? 1972 benign and malignant stenoses, balloon dilatation using flexible bronchoscopy for the management of, 354

bronehial dilatation in asthma: relation to clinical and sputum indices, 1352

chronic disease, immunomodulatory activity and effectiveness of macrolides in, Feb. Supp., 70S

cystic fibrosis adult care: consensus conference report, Jan. Supp., 15-395

effects of macrolides on inflammatory cells, Feb. Supp., 41S

evaluating noisy breathing in children; how far down the airway should one look? 1184

extrathoracic expiratory flow limitation in obesity and obstructive and restrictive disorders: effects of increasing, 98

geographic and gender variability in the prevalence of bronchial responsiveness in Canada, 1657

high prevalence of endobronchial malignancy in high-risk patients with moderate dysplasia in sputum, May Supp., 109S

hyperresponsiveness, field exercise vs laboratory eucapnic voluntary hyperventilation to identify, in elite cold weather athletes,

impact of cigarette smoke on the normal airway transcriptome, May Supp., 115S

interventional bronchoscopy for treatment of tracheal obstruction secondary to benign or malignant thyroid disease, 723

lung cancer detection in asymptomatic patients with airflow obstruction, May Supp., 163S

lung density measurements in spontaneous pneumothorax demonstrate airtrapping, 2083

methacholine challenge testing: comparison of the two American Thoracic Society-recommended methods, 453

nebulized morphine: a convenient and safe alternative to dyspnea relief? 363

obstruction, chronic, development of, in patients with eosinophilic bronchitis: a prospective follow-up study, 1998

obstruction is common but unsuspected in patients admitted to a general medicine service, 106

obstruction, nonmalignant, high dose rate brachytherapy for: new treatment option, vol. 124:1605; clarification, vol. 125:356

preinvasive bronchial lesions: surveillance or intervention?, May Supp., 95S

reactivity, effect of weight reduction on respiratory function and, in obese women, 2046

responses to inhaled allergen, effect of ozone exposure on, in asthmatic subjects, 2328

stenosis, grading, down to the segmental level using virtual bronchoscopy, 704

tracheobronchial adenoid cystic carcinoma: a clinicopathologic study of 14 cases, 1160

Airway pressure, mean: See Oxygenation

Akt, activation of the Akt/nuclear factor-KB signaling axis in developing lung neoplasia, May Supp., 153S

phospho-Akt overexpression in non-small cell lung cancer confers significant stage-independent survival disadvantage, May Supp., 152S

tobacco carcinogen-induced cellular transformation increases Akt activation in vitro and in vivo, May Supp., 101S

Alaska Natives, prevalence of asthma and chronic respiratory symptoms among children, 1665

Aldosterone excretion among subjects with resistant hypertension and symptoms of sleep apnea, 112

Alendronate, recognizing and treating glucocorticoid-induced osteoporosis in patients with pulmonary diseases, 1859

Alkalosis, metabolic, and cystic fibrosis, 1169

Allergies: See Hypersensitivity

α₁-antitrypsin: See Antitrypsin α-chemokines: See Chemokines

Alveolar granulocyte colony-stimulating factor and α-chemokines in relation to serum levels, pulmonary neutrophilia, and severity of lung injury in ARDS, 212

Alveolar hemorrhage, diffuse: See Hemorrhage

Alveolar partial oxygen pressure: See Oxygenation

Alveolar macrophages: See Alveoli

Alveoli, enhanced alveolar clearance with chest percussion therapy and positional changes during whole lung lavage for alveolar proteinosis, 2351

HIV-1 infection does not impair human alveolar macrophage phagocytic function unless combined with cigarette smoking, increase in alveolar nitric oxide in the presence of symptoms in childhood asthma, 1012

increased levels of cell death and proliferation in alveolar wall cells in patients with pulmonary emphysema, 626

regulated gap junction-cytoskeletal associations in rat alveolar epithelial cells, May Supp., 1108 relationship between single-breath diffusion capacity of the lung

for nitric oxide and carbon monoxide during various exercise intensities, 1019

retrovirus-induced lung eancer: mechanisms of transformation of

alveolar type II epithelial cells, May Supp., 1068 Alveolitis, cryptogenic fibrosing: idiopathic interstitial pneumonias and the concept of the trump card, 359

cyptogenic fibrosing: prognostic implications of histologic patterns in multiple surgical lung biopsies from patients with idiopathic interstitial pneumonias, 522

American Association of Critical-Care Nurses, critical care medicine crisis: a call for federal action; white paper from the critical care professional societies, 1518

critical care professional societies address the critical care crisis in the United States, 1512

American College of Chest Physicians, balloon dilatation using flexible bronchoscopy for the management of benign and malignant airway stenoses, 354

competencies in pulmonary procedures, 800

critical care medicine crisis: a call for federal action; white paper from the critical care professional societies, 1518

critical care professional societies address the critical care crisis in the United States, 1512

exercise for fun and profit: joint statement on exercise by the American Thoracic Society and, 1

patient-focused care: the 2003 convocation speech, 1910 American Thoracic Society, critical care medicine crisis: a call for

federal action; white paper from the critical care professional societies, 1518

critical care professional societies address the critical care crisis in the United States, 1512

exercise for fun and profit: joint statement on exercise by the American College of Chest Physicians and, 1

methacholine challenge testing; comparison of the two recommended methods, 453

Amiodarone, acute pulmonary injury in association with, 1591 long-term maintenance of normal sinus rhythm in patients with current symptomatic atrial fibrillation: propafenone vs, both in

low doses, 377 oral, long-term intermittent dobutamine infusion, combined with,

for end-stage heart failure: a randomized double-blind study, 1198

to infuse or not? 1182

Amphetamines, clinical value of the ECG in noncardiac conditions,

Amyloidosis, tracheobronchial: a case report of successful treatment with external beam radiation therapy, 784

Amyotrophic lateral sclerosis, efficacy of mechanical insufflationexsufflation in medically stable patients with, 1400

Anaerobie training: See Exercise

Analgesia: See also Pain; proper balance, 13

Anatomic evaluation of postural bronchial drainage of the lung with special reference to patients with tracheal intubation: which combination of postures provides the best simplification? 935

Anemia, life-threatening, a 44-year-old Jehovah's Witness with, from uterine bleeding, 1151

sickle cell, bronchial stricture and hemoptysis in a woman with sickle cell anemia, 766

sickle cell; top ten list in pediatric lung disease, 1118

Angina, chronic, prognostic value of stress testing in patients over 75 years of age with, 1124

unstable, paradoxical effect of smoking in the Spanish population with acute myocardial infarction or: results of the ARIAM register, 831

Angioplasty: See Coronary angioplasty

Animal investigations: See also Laboratory and animal investigations; chemoprevention of tobacco smoke-induced lung cancer: what animal studies tell us, May Supp., 128S

Anoxemia, assessment of symptoms and exercise capacity in cyanotic patients with congenital heart disease, 368

successful aeromedical transport using inhaled prostacyclin for a patient with life-threatening hypoxemia, 1579

Anoxia, cardiac troponin T in obstructive sleep apnea, 2097

prolonged nitrie oxide inhalation fails to regress hypoxic vascular remodeling in rat lung, 2247

respiratory simis arrhythmia: why does the heartbeat synchronize with respiratory rhythm? 683

Antibiotics, cystic fibrosis adult care: consensus conference report, Jan. Supp., 1S-39S

discontinuation policy, randomized controlled trial of, for clinically suspected ventilator-associated pneumonia, 1791

empiric therapy of community-acquired pneumonia guidelines for the perplexed? [B-lactams, macrolides, ketolides, doxycycline, quinolones], 1913

evaluating combination therapy in community-acquired pneumonia, 353

from "pro and con" debate to evidence-based practice: ventilatorassociated pneumonia, 1600

guidelines for empiric antimicrobial prescribing in communityacquired pneumonia [macrolides, beta lactams, fluoroquinolones], 1888

macrolide; clinical similarities and differences between human T-cell lymphotropic virus type 1-associated bronchiolitis and diffuse panbronchiolitis, 1239

macrolide; empiric therapy of community-acquired pneumonia; guidelines for the perplexed? 1913

macrolides as biologic response modifiers: immunomodulatory and anti-inflammatory effects, Feb. Supp., 415-78S [effects of macrolides on inflammatory cells, 418; macrolides for the treatment of chronic sinusitis, asthma, and COPD, 52S; effects of subinhibitory concentrations of macrolide antibiotics on Pseudomonas aeruginosa, 62S; immunomodulatory activity and effectiveness of macrolides in chronic airway disease, Feb. Supp., 708

no more equivalence trials for, in exacerbations of COPD, please, SIL

resistance; epidemiology of nosocomial pneumonia in infants after cardiac surgery, 410

short-term and long-term outcomes of moxifloxacin compared to standard treatment in acute exacerbations of chronic bronchi-

Anticholinergies, acute asthma in adults: a review, 1081

Anticoagulants: See also Heparin; evolution of the postoperative pericardial effusion after day 15: the problem of the late tamponade, 2182

in hospitalized patients with renal insufficiency: a comparison of bleeding rates with unfractionated heparin vs enoxaparin, 856

long-term oral therapy, costs and clinical outcomes associated with low-molecular-weight heparin vs unfractionated heparin for perioperative bridging in patients receiving, 1642

Antidepressants, clinical value of the ECG in noncardiac conditions,

simultaneous use of antihypertensive medications and, increases likelihood of diagnosis of obstructive sleep apnea syndrome,

Antigens, influenza vaccination in vulnerable populations, 1971

Antihypertensive medications, simultaneous use of antidepressant and, increases likelihood of diagnosis of obstructive sleep apnea syndrome, 1279

Anti-inflammatory agents, cystic fibrosis adult care: consensus conference report, Jan. Supp., 15-39S

macrolides as biologic response modifiers: immunomodulatory and anti-inflammatory effects, Feb. Supp., 41S-78S

Antioxidants, airway antioxidants and oxidative stress as predictors of sputum atypia and airflow obstruction, May Supp., 127S

oral N-acetyleysteine attenuates elastase-induced pulmonary emphysema in rats, 1500

Antiproteases, answer is fifteen percent: what is the question? 3 Antiretroviral therapy, highly active (HAART): See HIV infections Antitrypsin, α_1 , answer is fifteen percent: what is the question? 3 deficiency: more than a protease imbalance? 1605 genetics of COPD, 1929

Z, polymerizes in the lung and acts as a neutrophil chemoattractant, 1952

Aorta, hemoptysis in a 38-year-old woman receiving an oral contraceptive, 1944

woman with chronic, unproductive cough and left lower lobe lung mass, 1148

APACHE, prediction of risk of death using 30-day outcome; a practical end point for quality auditing in intensive care, 1458 Apnea: See Sleep apnea: Sleep apnea syndromes, obstructive

Apnea-hypopnea index, acidification of distal esophagus and sleeprelated breathing disturbances, 2101

prevalence of sleep apnea syndrome in lone atrial fibrillation: a case-control study, 879

Apoptosis, associated molecules TNF/TNFRI and Fas/FasL, in sepsis, serum levels of, 2238

cytokines: the tomb markers of the ICU, 1980

expression of adhesion molecules during, of circulating neutrophils in COPD, 1837

increased levels of cell death and proliferation in alveolar wall cells in patients with pulmonary emphysema, 626

ligands of peroxisome proliferator-activated receptor γ inhibit lung cancer cell growth and induce apoptosis by stimulation of P21 expression, May Supp., 134S

smoke/burn injury-induced respiratory failure elicits, in ovine lungs and cultured lung cells, ameliorated with arteriovenous CO2 removal, 1472

Appliances, oral: See Equipment ARDS: See Respiratory distress syndrome, adult

Arousal index, effects of nasal continuous positive airway pressure on platelet activation in obstructive sleep apnea syndrome, 1768

obstructive sleep apnea syndrome, sleepiness, and quality of life,

Arrhythmias, cardiovascular effects of β-agonists in patients with asthma and COPD: a meta-analysis, 2309

influence of IV haloperidol on ventricular repolarization and monophasic action potential duration in anesthetized dogs, 1821

respiratory sinus: why does the heartbeat synchronize with respiratory rhythm? 683

Arterial blood gases: See Blood gas analysis

Arterial oxygen pressure: See Oxygenation

Arteriovenous carbon dioxide removal: See Carbon dioxide

Artificial respiration: See Respiration, artificial

Asbestos, development of lung tunors in mutant p53-expressing mice after inhalation exposure to asbestos, May Supp., 85S

increased urinary 8-isoprostaglandin $F_2\alpha$ is associated with lower plasma selenium levels and lower vegetable and fruit intake in an asbestos-exposed cohort at risk for lung cancer, May Supp.,

induced lung disease, changing patterns 744

malignant pleural mesothelioma: the puzzling role of gene-environment interaction, 1604

pleura and: a review, 1103

Asbestosis, why did the barber acquire [it]? 1594

Aspergillosis, pulmonary nodules in lung transplant recipients: etiology and outcome, 165

Aspen Lung Conference, May Supp., 798-1728 (for detailed listing of presentations, see entry at Pulmonary neoplasms)

Aspiration, toxicity of Food Drug and Cosmetic Blue No. 1 dye in critically ill patients, 793

Aspiration biopsy: See Biopsy

Aspiration bronchiolitis, diffuse: See Bronchiolitis

Aspiration pneumonia: See Pneumonia, aspiration

Asthma: See also Pulmonary diseases, chronic obstructive; a schoolbased case identification process for identifying inner city children with: the Breathmobile program, 924

acute exacerbation, measuring health-related quality of life in adults during, 93

acute, in adults: a review, 1081

airway obstruction is common but unsuspected in patients admitted to a general medicine service, 106

allergic, predicting response to omalizumab, an anti-IgE antibody, in patients with, 1378

breath condensate pH in children with CF and: a new non-invasive marker of airway inflammation? 2005

bronchial dilatation in: relation to clinical and sputum indices, 1352 cardiovascular effects of β-agonists in patients with COPD and: a meta-analysis, 2309

childhood, increase in alveolar nitric oxide in the presence of

symptoms in, 1012 cigarette smoking, emphysema, and, vol. 124:2408; erratum, vol. 125:1175

clinical significance of elevated diffusing capacity, 446 coughing during mannitol challenge is associated with, 1985

effect of ozone exposure on airway responses to inhaled allergen in asthmatic subjects, 2328

effects of a comprehensive school-based program on symptoms, parent management, grades, and absenteeism, 1674

effects of pranlukast administration on vascular endothelial growth factor levels in asthmatic patients, 1700

ethnicity and skin test reactivity to aeroallergens among asthmatic children in Connecticut, 85

exacerbations and formoterol, 1590, 1591

extrathoracic expiratory flow limitation in obesity and obstructive and restrictive disorders: effects of increasing negative expiratory pressure, 98

field exercise vs laboratory eucapnic voluntary hyperventilation to identify airway hyperresponsiveness in elite cold weather athletes, 909

history of ear infections and prevalence of, in a national sample of children aged 2 to 11 years: the third National Health and Nutrition Examination Survey, 1988 to 1994, 1685

increased arteriovenous carboxyhemoglobin differences in patients with inflammatory pulmonary diseases, 2160

increased responses to inhaled oxtropium bromide in asthmatic patients with active hepatitis C virus infection, 1368

influenza vaccination in vulnerable populations, 1971

long-term dosing effects of mediator antagonists in inhaled corticosteroid-treated atopic asthmatic patients, 1372

macrolides for the treatment of chronic sinusitis, COPD and, Feb. Supp., 52S

methacholine challenge testing: comparison of the two American Thoracic Society-recommended methods, 453

mild-to-moderate, leukotriene modifier vs inhaled corticosteroid in: clinical and anti-inflammatory effects, 1693

obesity and: a real connection or a casual association? 1972

prevalence of chronic respiratory symptoms and, among Alaska Native children, 1665

prospective multicenter study of relapse following emergency department treatment of COPD exacerbation, 473

survey of Medicaid recipients with: perceptions of self-management, access, and care, 1359

the epidemic has ended, or has it? 1969

tianeptine: a new exploratory therapy for, 348, 349

top ten list in pediatric lung disease, 1118

treatment preference study: a conjoint analysis of preferred drug treatments, 916

trends of, in Mexico: an 11-year analysis in a nationwide institution, 1993

variations in pediatric hospitalization rates and costs between and within Nordic countries, 1680

work-related asthma-like symptoms among florists, 2336

Atelectasis, asbestos and the pleura: a review, 1103

resection of the right middle lobe and lingula in children for middle lobe/lingula syndrome, 38

Atopy, work-related asthma-like symptoms among florists, 2336

Atrial fibrillation, current symptomatic, long-term maintenance of normal sinus rhythm in patients with: amiodarone vs propafenone, both in low doses, 377

a 44-year-old man with suspected exacerbation of COPD and, 2340 lone, prevalence of sleep apnea syndrome in: a case-control study, 879

non-pharmacologic therapies coming of age, 1977

permanent, preoperative atrial size predicts the success of radiofrequency maze procedure for, in patients undergoing concomitant valvular surgery, 2129 Atrial flutter, further insights into the prothrombotic state in mitral stenosis and, 2361, 2362, 2363

Atrioventricular block: See Heart block

Atrium, left, increased circulating endothelin-1 in rheumatic mitral stenosis: irrelevance to left atrial and pulmonary artery pressures, 390

preoperative atrial size predicts the success of radiofrequency maze procedure for permanent atrial fibrillation in patients undergoing concomitant valvular surgery, 2129

Automobile driving, obstructive sleep apnea syndrome, sleepiness, and quality of life, 2091

Autonomic nervous system, vagal pas de deux: heart-lung interplay in postexercise heart rate recovery, 1186

Azithromycin, steady-state intrapulmonary concentrations of moxifloxacin, levofloxacin, and, in older adults, 965

Bacteremia, hospital mortality for patients with, due to Staphylococcus aureus or Pseudomonas aeruginosa, 607

Bacterial infections: See also Pneumonia; Gram-negative; epidemiology of nosocomial pneumonia in infants after cardiac surgery, 410

pulmonary infiltrates in the non-HIV-infected immunocompromised patient: etiologies, diagnostic strategies, and outcomes, 260

Balloon dilatation using flexible bronchoscopy for the management of benign and malignant airway stenoses, 354

Barber and asbestosis, 1594

Beclomethasone dipropionate, predicting response to omalizumab, an anti-IgE antibody, in patients with allergic asthma, 1378

Beraprost, identical twins with primary pulmonary hypertension: epoprostenol vs, 1157

β-adrenergic agents: See entries at Adrenergic

Beta-carotene, vitamin E supplementation and, and hospital-treated pneumonia incidence in male smokers, 557

β-lactams, empiric therapy of community-acquired pneumonia; guidelines for the perplexed? 1913

Biofilms, effects of subinhibitory concentrations of macrolide antibiotics on Pseudomonas aeruginosa, Feb. Supp., 62S

Bioimpedance, electrical: See Electrical impedance

Biologic response modifiers, macrolides as: See Antibiotics Biology, molecular: See Molecular biology

Biomarkers, comparison of six biological markers for the diagnosis of tuberculous pleuritis, 987

markers of inflammation in exhaled breath condensate of young healthy smokers, 22

modulation of biomarkers during chemoprevention of mouse lung tumorigenesis by D-glucarate, May Supp., 149S Biopsy, conventional vs endobronchial ultrasound-guided transbron-

chial needle aspiration: a randomized trial, 322

CT-guided transbronchial, using an ultrathin bronchoscope with virtual bronchoscopic navigation, 1138

diagnostic value of transbronchial needle aspiration by Wang 22-gauge cytology needle in intrathoracic lymphadenopathy, 527

education and experience improved the performance of transbronchial needle aspiration: a learning curve at a cancer center, 532

gene expression patterns, prognostic and diagnostic markers, and lung cancer biopsy. May Supp., 111S

managing the small pulmonary nodule discovered by CT, 1522 open-lung, role of, in ARDS, 197

open-lung; to B or not to B? it still is the question, 5

percutaneous multiple-site parietal pleural: description and evaluation of a new and safe technique, 1776

prognostic implications of histologic patterns in multiple surgical lung biopsies from patients with idiopathic interstitial pneumonias, 522

pulmonary epithelioid hemangioendothelioma: an unusual case and a review of the literature, 789

role of flexible bronchoscopy in immunocompromised patients with lung infiltrates, 712

Bird-years as well as pack-years [bird fanciers' lung], 353

Bisphosphonates, recognizing and treating glucocorticoid-induced osteoporosis in patients with pulmonary diseases, 1859

Blacks, ethnicity and skin test reactivity to aeroallergens among asthmatic children in Connecticut, 85

sarcoidosis, race and short-term outcomes following lung transplantation, 990

smoking patterns in African Americans and whites with advanced COPD, 15

Blastomycosis, pulmonary, a 19-year-old man with nonresolving pneumonia, 330

Bleeding: See Hemorrhage

Blood, alveolar granulocyte colony-stimulating factor and α-chemokines in relation to serum levels, pulmonary neutrophilia, and severity of lung injury in ARDS, 212

association between serum C-reactive protein elevation and left ventricular thrombus formation after first anterior invocardial infarction, 384

C-reactive protein in pneumonia: let me try again, 1192

clinical implications of appearance of pleural fluid at thoracentesis,

clinical utility of D-dimer in patients with suspected pulmonary embolism and nondiagnostic lung scans or negative CT findings, 851

diagnosis of pneumonia in renal transplant recipients using invasive and noninvasive procedures, 541

a 44-year-old Jehovah's Witness with life-threatening anemia from uterine bleeding, 1151

hospital mortality for patients with bacteremia due to Staphylococcus aureus or Pseudomonas aeruginosa, 607

ICU admission of the lung transplant recipient following hospital discharge, 813

increased plasma interleukin-6 is associated with the pathogenesis of obstructive sleep apnea syndrome, 1964, 1965

membrane and capillary components of diffusion capacity of the lung for carbon monoxide in pulmonary sarcoidosis: relation to exercise gas exchange, 2061

mycobacteria in pathogenesis of sarcoidosis, 354

plasma orexin-A levels in obstructive sleep apnea-hypopnea syndrome, 1963

pleural effusions in hematologic malignancies, 1546

prognostic factors in the surgical management of pericardial effusion in the patient with concurrent malignancy, 1328

risk and severity of COPD is associated with the group-specific component of scrum globulin 1F allele, 63

serum levels of KL-6 for predicting the occurrence of radiation pneumonitis after stereotactic radiotherapy for lung tumors,

serum levels of surfactant protein D are increased in mice with lung tumors, May Supp., 109S

serum levels of the apoptosis-associated molecules, TNF/TNFRI and Fas/FasL, in sepsis, 2238

starch and, in cardiac surgery, 2369

steady-state intrapulmonary concentrations of moxifloxacin, levofloxacin, and azithromycin in older adults, 965

Blood flow, coronary, impact of systemic BP on, and infaret size during reperfusion therapy for acute myocardial infarction: refinements beyond the "plumbing," 1179

coronary, moderate systemic hypotension during reperfusion reduces, and increases the size of myocardial infarction in pigs, 1492

renal, increasing: low-dose dopamine or medium-dose norepinephrine, 2260

Blood gas analysis, preoperative pulmonary consultation at a university hospital, 1966, 1967

reference values for arterial blood gases in the elderly, 2053

reversal of nocturnal periodic breathing in primary pulmonary hypertension after lung transplantation, 344

Blood pressure: See also Hypertension: effects of hyperchloremic acidosis on arterial pressure and circulating inflammatory molecules in experimental sepsis, 243

moderate systemic hypotension during reperfusion reduces the coronary blood flow and increases the size of myocardial infarction in pigs, 1492

systemic, impact of, on coronary blood flow and infaret size during reperfusion therapy for acute myocardial infarction: refine-ments beyond the "plumbing," 1179

white coat hypertension and sleep apnea: is there a link? 805

Bloodstream infections: See Bacteremia; Septicemia

Blood transfusions, infant, 799

large-volume, a 52-year-old man with pulmonary edema following, 1556

Blue dye: See Dyes

Board review question of the month: See ACCP-SEEK board review question of the month

Body fat, effects of whole-body exercise training on body composition and functional capacity in normal-weight patients with COPD,

Body mass index: See also Obesity; a community study of sleepdisordered breathing in middle-aged Chinese women in Hong Kong: prevalence and gender differences, 127

asthma and obesity: a real connection or a casual association? 1972 influence of overweight on ICU mortality: a prospective study,

prevalence and secular trends of excess body weight and impact on outcomes after myocardial infarction in the community, 1205 Body position: See Posture

Body weight: See Body mass index; Obesity; Weight

Bonaparte, Napoleon: See Napoleon Bonaparte

Bone marrow transplantation: See also Stem cell transplantation; pleural effusions in hematologic malignancies, 1546

Bone mineral density, recognizing and treating glucocorticoid-induced osteoporosis in patients with pulmonary diseases, 1859 Bones, cystic fibrosis adult care: consensus conference report, Jan.

Supp., 1S-39S Bookshelf, Asthma: Social and Psychological Factors and Psychoso-

matic Syndromes, 2372 Handbook of Physiology, Section 2: the Cardiovascular System, Volume 1: The Heart, 1968

Imaging of the Chest: A Teaching File, 803

The Immunological Basis of Asthma, 1176

Interpretation of Pulmonary Function Tests: A Practical Guide, 2nd ed., 2372

Interstitial Lung Diseases, 357

Life and Breath, 1597

Lung Transplantation, 1968

Management of Cardiac Arrhythmias, 1597 Non-Neoplastic Disorders of the Lower Respiratory Tract: Atlas of Nontumor Pathology, 1176

Noninvasive Mechanical Ventilation, 803

Sleep Medicine Pearls, 357

BOOP: See Bronchiolitis obliterans organizing pneumonia

Bosentan in pulmonary artery hypertension secondary to systemic sclerosis, Oct. Supp., vol. 124:223S; elarification, vol. 125:356

Brachytherapy, high dose rate, for nonmalignant airway obstruction: new treatment option, vol. 124:1605; clarification, vol. 125:356

Bradykinin antagonists, new lung cancer drugs from bradykinin antagonists, May Supp., 148S

Brain, cerebral oxygenation during exercise in cardiac patients, 182 natriuretic peptide; a 44-year-old man with suspected exacerbation of COPD and atrial fibrillation, 2340

natriuretic peptide in the management of heart failure: the versatile neurohormone, 652

survival after prolonged submersion in freshwater in Florida, 1948 Brazil, decreased respiratory symptoms after intervention in artificially ventilated offices in São Paulo, 326

Breast neoplasms, massive calcified mass in the lung, vol. 124:2010; erratum, vol. 125:1175

metastatic, effect of cigarette smoke exposure on pulmonary metastatic disease in a murine model of, 1467

prognostic factors in the surgical management of pericardial effusion in the patient with concurrent malignancy, 1328

Breathing: See Respiration Breathlessness: See Dyspnea Breathmobile: See Asthma

Bridging therapy: See Postoperative care Bronchi: See also Airway; chyloptysis in adults: presentation, recognition, and differential diagnosis, 336

supraglottic hemangioma, bronchoscopy diagnostic of an atypical presentation of laryngeal stridor, associated with double vascular ring in an infant, Oct. Supp., vol. 124:3248; clarification, vol. 125:356

tracheobronchial amyloidosis: a case report of successful treatment with external beam radiation therapy, 784

Bronchial asthma: See Asthma

Bronchial challenge: See Bronchial provocation

Bronchial dilatation, in asthma: relation to clinical and sputum indices, 1352

Bronchial drainage, postural, of the lung, anatomic evaluation of, with special reference to patients with tracheal intubation: which combination of postures provides the best simplification? 935 Bronchial epithelial cells: See Airway

Bronchial neoplasms, high prevalence of endobronchial malignancy in high-risk patients with moderate dysplasia in sputum, May

Supp., 109S

preinvasive bronchial lesions: surveillance or intervention?, May Supp., 95S

tracheobronchial adenoid cystic carcinoma: a clinicopathologic study of 14 cases, 1160 Bronchial provocation, coughing during mannitol challenge is asso-

ciated with asthma, 1985 geographic and gender variability in the prevalence of bronchial

responsiveness in Canada, 1657

methacholine challenge testing: comparison of the two American Thoracic Society-recommended methods, 453

Bronchial responsiveness: See Airway

Bronchial stenosis, balloon dilatation using flexible bronchoscopy for the management of benign and malignant airway stenoses, 354 grading airway stenosis down to the segmental level using virtual

bronchoscopy, 704
resection of the right middle lobe and lingula in children for
middle lobe/lingula syndrome, 38

Bronchial stricture and hemoptysis in a woman with sickle cell anemia, 766

Bronchiectasis, resection of the right middle lobe and lingula in children for middle lobe/lingula syndrome, 38

survival of patients with, after the first ICU stay for respiratory failure, 1815

Bronchiolitis, diffuse aspiration, due to achalasia, 349, 350

diffuse panbronchiolitis; effects of macrolides on inflammatory cells, Feb. Supp., 41S

diffuse panbronchiolitis; immunomodulatory activity and effectiveness of macrolides in chronic airway disease, Feb. Supp., 70S

human T-cell lymphotropic virus type 1-associated, clinical similarities and differences between diffuse panbronchiolitis and, 1239

top ten list in pediatric lung disease, 1118

Bronchiolitis obliterans organizing pneumonia, "imitators" of ARDS: implication for diagnosis and treatment, 1530

Bronchitis, chronic, acute exacerbations of, short-term and long-term outcomes of moxifloxacin compared to standard antibiotic treatment in, 953

chronic, airway obstruction is common but unsuspected in patients admitted to a general medicine service, 106

chronic, extrathoracic expiratory flow limitation in obesity and obstructive and restrictive disorders: effects of increasing negative expiratory pressure, 98

chronic, prevalence of COPD in Greece, 892

chronic, smoking patterns in African Americans and whites with advanced COPD, 15

chronic; genetics of COPD, 1929

chronic; no more equivalence trials for antibiotics in exacerbations of COPD, please, 811

chronic; prevalence of asthma and chronic respiratory symptoms among Alaska Native children, 1665

eosinophilic, development of chronic airway obstruction in patients with: a prospective follow-up study, 1998

Bronchoalveolar lavage, enhanced alveolar clearance with chest percussion therapy and positional changes during whole lung lavage for alveolar proteinosis, 2351 "imitators" of ARDS: implication for diagnosis and treatment, 1530 increased surfactant protein-A levels in patients with newly diagnosed idiopathic pulmonary fibrosis, 617

respiratory viruses and severe lower respiratory tract complications in hospitalized patients, 1033

role of flexible bronchoscopy in immunocompromised patients with lung infiltrates, 712

Bronchoconstriction, exercise-induced; field exercise vs laboratory eucapnic voluntary hyperventilation to identify airway hyperresponsiveness in elite cold weather athletes, 909

Bronchodilatation, bronchodilatory effect of deep inspiration is ab-

sent in subjects with mild COPD, 2029

Bronchodilators, asthma treatment preference study: a conjoint analysis of preferred drug treatments, 916 castic Brussis adults are consensus conference report for Supp.

cystic fibrosis adult care: consensus conference report, Jan. Supp., 18-39S

effects of inhaled tiotropium bromide on lung mucociliary clearance in patients with COPD, 1726

genetics of COPD, 1929

increased responses to inhaled oxitropium bromide in asthmatic patients with active hepatitis C virus infection, 1368

long-acting, are the first-choice option for the treatment of stable COPD, 9

long-acting, role of, in the management of stable COPD, 249 woman with COPD and fixed and dilated pupil following head trauma, 305

Bronchoprovocation: See Bronchial provocation

Bronchoscopy, CT fluoroscopy-guided bronchoscopic dye marking for resection of small peripheral pulmonary nodules, 1747

diagnosis of pneumonia in renal transplant recipients using invasive and noninvasive procedures, 541

diagnostic value of transbronchial needle aspiration by Wang 22-gauge cytology needle in intrathoracic lymphadenopathy, 527

education and experience improved the performance of transbronchial needle aspiration: a learning curve at a cancer center, 532

fiberoptic, efficacy of premixed nitrous oxide and oxygen for, in pediatric patients: a randomized, double-blind, controlled study, 315

fiberoptic; evaluating noisy breathing in children; how far down the airway should one look? 1184

fiberoptic, proper balance, 13

fiberoptic: prospective analysis of clinical characteristics and risk factors of postbronchoscopy fever, 945

flexible, balloon dilatation using, for the management of benign and malignant airway stenoses, 354

flexible fiberoptic, safety and efficacy of ketamine sedation for infants, 1132

flexible, role of, in immunocompromised patients with lung infiltrates, 712

interventional, for treatment of tracheal obstruction secondary to benign or malignant thyroid disease, 723

multicenter study comparing autofluorescence bronchoscopy to white light bronchoscopy using a non-laser light stimulation system, May Supp., 148S

new and emerging minimally invasive techniques for lung volume reduction, 777

pulmonary infiltrates in the non-HIV-infected immunocompromised patient: etiologies, diagnostic strategies, and outcomes, 26.

virtual, grading airway stenosis down to the segmental level using, 704

Bronchoscopy (feature), bronchoscope reprocessing and infection prevention and control: bronchoscopy-specific guidelines are needed, 307

conventional vs endobronchial ultrasound-guided transbronchial needle aspiration: a randomized trial, 322

CT-guided transbronchial biopsy using an ultrathin bronchoscope with virtual bronchoscopic navigation, 1138

efficacy of premixed nitrous oxide and oxygen for fiberoptic bronchoscopy in pediatric patients: a randomized, doubleblind, controlled study, 315

grading airway stenosis down to the segmental level using virtual bronchoscopy, 704

interventional bronchoscopy for treatment of tracheal obstruction secondary to benign or malignant thyroid disease, 723

role of flexible bronchoscopy in immunocompromised patients with lung infiltrates, 712

safety and efficacy of ketamine sedation for infant flexible fiberoptic bronchoscopy, 1132

Buccal-lung comparison of quantitative expression of carcinogen and oxidant metabolism genes in human subjects, May Supp., 107S

Budesonide, effects of, on overall 5-methylcytosine levels and specific methylation and messenger RNA expression of the insulin-like growth factor II gene in mouse lung tumors, May Supp., 1578

Bulgaria, respiratory findings in tobacco industry workers, 802

Bullous emphysema: See Emphysema, bullous

Burn injury-induced respiratory failure elicits apoptosis in ovine lungs and cultured lung cells, ameliorated with arteriovenous CO2 removal, 1472

Bypass: See Cardiopulmonary bypass; Coronary artery bypass graft

C-reactive protein, association between serum elevation [of] and left ventricular thrombus formation after first anterior myocardial infarction, 384

contribution of, to the diagnosis and assessment of severity of community-acquired pneumonia, 1335

in pneumonia: let me try again, 1192

rofecoxib, a COX-2 inhibitor, lowers interleukin-6 and, levels in patients with acute coronary syndromes, 1610

Cadherin, potential role for activated leukocyte cell adhesion molecule and neural cadherin in metastasis to the lung microcirculation, May Supp., 150S

Calcification, massive mass in the lung, vol. 124:2010; erratum, vol.

Calcium, clinical value of the ECG in noncardiac conditions, 1561 California, obstructive lung disease among the urban homeless [San Francisco], 1719

Canada, clinical practice of lung transplantation in North America,

geographic and gender variability in the prevalence of bronchial responsiveness in, 1657

guidelines for empiric antimicrobial prescribing in communityacquired pneumonia, 1888

survey of clinical practice of lung transplantation in North America,

Cancer: See Neoplasms; Pulmonary neoplasms; names of specific types of cancer, eg. Carcinoma; and specific parts of the body affected, eg. Breast neoplasms

Cancer recurrence: See Neoplasm recurrence

Cancer staging: See Neoplasm staging

Capillary wedge pressure: See Pulmonary capillary wedge pressure Capnography, volumetric, as a screening test for pulmonary embolism in the emergency department, 841

Carbon dioxide: See also Hypercapnia; arteriovenous removal, smoke/burn injury-induced respiratory failure elicits apoptosis in ovine lungs and cultured lung cells, ameliorated with, 1472

normal polysomnographic respiratory values in children and adolescents, 872

volumetric capnography as a screening test for pulmonary embolism in the emergency department, 841

Carbon monoxide, clinical significance of elevated diffusing capacity, 446

clinical value of the ECG in noncardiac conditions, 1561

diffusing capacity; increased exhaled nitric oxide following autologous peripheral hematopoietic stem-cell transplantation: a potential marker of idiopathic pneumonia syndrome, 281

environmental tobacco smoke may induce early lung damage in healthy male adolescents, 1387

increased arteriovenous carboxyhemoglobin differences in patients with inflammatory pulmonary diseases, 2160

membrane and capillary blood components of diffusion capacity of the lung for, in pulmonary sarcoidosis: relation to exercise gas exchange, 2061

pulmonary manifestations of left heart failure, 669

relationship between single-breath diffusion capacity of the lung for nitric oxide and, during various exercise intensities, 1019

Carboxyhemoglobin, increased arteriovenous differences in patients with inflammatory pulmonary diseases, 2160

Carcinogenesis, cyclooxygenase-2 in lung carcinogenesis and chemorevention: Roger S. Mitchell Lecture, May Supp., 134S

p53: at the crossroads of molecular carcinogenesis and molecular epidemiology, May Supp., 83S

Carcinogens, buccal-lung comparison of quantitative expression of carcinogen and oxidant metabolism genes in human subjects, May Supp., 107S

tobacco carcinogen-induced cellular transformation increases Akt activation in vitro and in vivo, May Supp., 101S

Carcinoma, caveolin-1 is down-regulated in human lung carcinoma and acts as a candidate tumor suppressor gene, May Supp., 106S non-small cell, May Supp., 97S, 105S, 115S, 122S, 140S, 141S, 1528, 1548, 1568

tracheobronchial adenoid cystic: a clinicopathologic study of 14 cases, 1160

Cardiac arrhythmia: See Arrhythmias

Cardiac hypertrophy, mechanical properties of tracheal smooth muscle are impaired in the rabbit with experimental cardiac pressure overload, 236

Cardiac index, accurate, noninvasive continuous monitoring of cardiac output by whole-body electrical bioimpedance, 1431

Cardiac output, accurate, noninvasive continuous monitoring of, by whole-body electrical bioimpedance, 1431

diastolic heart failure, 1588 Cardiac pressure overload: See Heart

Cardiae rehabilitation: See Rehabilitation

Cardiac surgery: See Heart surgery

Cardiac tamponade, late, evolution of the postoperative pericardial effusion after day 15: the problem of, 2182

prognostic factors in the surgical management of pericardial effusion in the patient with concurrent malignancy, 1328

Cardiac transplantation: See Heart transplantation

Cardiac troponin, elevations, common causes of, in the absence of acute myocardial infarction: incidence and clinical significance,

T, in obstructive sleep apnea, 2097 timing of peak troponin T and creatine kinase-MB elevations after percutaneous coronary intervention, 275

Cardiac valves: See Heart valves

Cardiogenic shock: See Shock, cardiogenic

Cardiomyocytes, differential-display polymerase chain reaction identifies nicotinamide adenine dinucleotide-ubiquinone oxidoreductase as an ischemia/reperfusion-regulated gene in, 228 Cardiomyopathy, to infuse or not? 1182

Cardiopulmonary bypass, neurological complications after coronary artery bypass grafting related to the performance of, 2196

OPCAB vs CABG: who, what, when, where? 815

use of, during resection of locally advanced thoracic malignancies: a 10-year, two-center experience, 1581 Cardiopulmonary exercise testing: See Exercise

Cardiopulmonary resuscitation, survival after prolonged submersion in freshwater in Florida, 1948

Cardiopulmonary stress testing: See Exercise

Cardiovascular diseases: See Heart diseases

Cardiovascular system, effects of \(\beta \)-agonists in patients with asthma and COPD: a meta-analysis, 2309

Caregiving, prevalence and outcomes of, after prolonged (≥ 48 hours) mechanical ventilation in the ICU, 597

Castleman disease, pleural effusions in hematologic malignancies,

Catenin, y-catenin expression is reduced or absent in a subset of human non-small cell lung cancers, and its re-expression inhibits cell growth, May Supp., 122S

Catheters, atrial fibrillation: non-pharmacologic therapies coming of age, 1977

feasibility of routine pulmonary arterial impedance measurements in pulmonary hypertension, 2121

Cats, identification of spontaneous feline idiopathic pulmonary fibrosis: morphology and ultrastructural evidence for a type II pneumocyte defect, 2278

pulmonary responses to selective phosphodiesterase-5 and phosphodiesterase-3 inhibitors, 644

Caveolin-1 is down-regulated in human lung carcinoma and acts as a candidate tumor suppressor gene, May Supp., 1068

CD8⁺ lymphocytes: See Lymphocytes

CD11b (adhesion molecule): See Cell adhesion molecules

CD62L (adhesion molecule): See Cell adhesion molecules

CD117 (kit) protein, tracheobronchial adenoid cystic carcinoma: a clinicopathologic study of 14 cases, 1160

Cell adhesion molecules, [CD11b (Mac-1) and CD62L (L-selectin)], expression of adhesion molecules during apoptosis of circulating neutrophils in COPD, 1837

percutaneous transluminal mitral valvuloplasty reduces circulating vascular cell adhesion molecule-1 in rheumatic mitral stenosis, 1213

potential role for activated leukocyte cell adhesion molecule and neural cadherin in metastasis to the lung microcirculation, May Supp., 150S

Cell death: See Apoptosis

Cell-wall deficient mycobacteria: See Myochacteria

Cellulose fibers, lung function among workers in the soft tissue paper-producing industry, 731

Central nervous system, clinical value of the ECG in noncardiac conditions, 1561

Cerebrovascular system, cerebral oxygenation during exercise in cardiac patients, 182

Cervical spondylosis: See Spine

Cervicomandibular support collar: See Equipment

Chagas disease, advanced, exercise performance and skeletal muscles in patients with, 1306

Chemoattractants: See Neutrophils

Chemokines, α-, alveolar granulocyte colony-stimulating factor and, in relation to serum levels, pulmonary neutrophilia, and severity of lung injury in ARDS, 212

activation of bronchial epithelial cells in smokers without airway obstruction and patients with COPD, 1706

receptor, CXCR2, mediates the tumorigenic effects of ELR+ CXC chemokines, May Supp., 133S

CHEST, CHEST 2003 scientific highlights: abstracts of original investigations and case reports, tuberculosis: a modified quantiferon assay may help diagnose latent infection and hard-to-identify active disease, Oct. Supp., vol. 124:1155; clarification, vol. 125:356; bosentan in pulmonary artery hypertension secondary to systemic sclerosis, Oct. Supp., vol. 124:2235; clarification, vol. 125:356; significance of allogeneic blood transfusion on decreased survival in patients with esophageal adenocarcinoma, Oct. Supp., vol. 124:2325; clarification, vol. 125:356; bilateral pulmonary nodules secondary to leiomyomatosis, Oct. Supp., vol. 124:2375; clarification, vol. 125:356; sepraglottic hemangiona, bronchoscopy diagnostic of an atypical presentation of laryngeal stridor, associated with double vascular ring in an infant, Oct. Supp., vol. 124:3245; clarification, vol. 125:356

lung cancer screening: response to Jerome Reich, MD, 350 re: contumacy vs mendacity revisited: response to Dr. Grannis' letter, 351

Chest neoplasms, use of cardiopulmonary bypass during resection of locally advanced thoracic malignancies: a 10-year, two-center experience, 1581

Chest pain, abnormal ECG in man admitted to ICU with irregular pulse and, 775

umusual cause of, 1536

Chest percussion therapy, enhanced alveolar clearance with positional changes and, during whole lung lavage for alveolar proteinosis, 2351

Chest physiotherapy: See Physiotherapy

Chest radiography: See Radiography: Roentgenogram of the month Chest tubes, anatomic evaluation of postural bronchial drainage of the lung with special reference to patients with tracheal intubation: which combination of postures provides the best simplification, 2025.

Chest wall, kinematics and breathlessness during pursed-lip breathing in patients with COPD, 459

Children: See also Infants; adenotonsillectomy and sleep apnea in, 2363, 2364 aged 2 to 11 years, history of ear infections and prevalence of asthma in a national sample of: the third National Health and Nutrition Examination Survey, 1988 to 1994, 1685

Alaska Native, prevalence of asthma and chronic respiratory symptoms among, 1665

asthmatic, in Connecticut, ethnicity and skin test reactivity to aeroallergens among, 85

breath condensate pH in children with CF and asthma: a new noninvasive marker of airway inflammation? 2005

concordance between parental and children's reports of parental smoking prompts, 429

effects of a comprehensive school-based asthma program on symptoms, parent management, grades, and absenteeism. 1674

efficacy of premixed nitrous oxide and oxygen for fiberoptic bronchoscopy in pediatric patients: a randomized, doubleblind, controlled study, 315

evaluating noisy breathing in: how far down the airway should one look? 1184

increase in alveolar nitric oxide in the presence of symptoms in childhood asthma, 1012

inner-city, with asthma, a school-based case identification process for identifying: the Breathmobile program, 924

normal polysomnographic respiratory values in adolescents and, 872

proper balance, 13

resection of the right middle lobe and lingula in children for middle lobe/lingula syndrome, 38

sphincter pharyngoplasty as a treatment of velopharyngoal incompetence in young people: a prospective evaluation of effects on sleep structure and sleep respiratory disturbance, 864

survival after prolonged submersion in freshwater in Florida, 1948 top ten list in pediatric lung disease, 1118

treatment of complicated parapneumonic pleural effusion with intrapleural streptokinase in, 566

use of the mechanical in-exsufflator in pediatric patients with neuromuscular disease and impaired cough, 1406

variations in pediatric asthma hospitalization rates and costs between and within Nordic countries, 1680

with cystic fibrosis, effects of anaerobic training in: a randomized controlled study, 1299

with noisy breathing, use of nasopharyngoscopy in the evaluation of, 1265

China, a community study of sleep-disordered breathing in middleaged Chinese women in Hong Kong: prevalence and gender differences, 127

SARS, pneumothorax, and our response to epidemics, 1982 Chloride transport, a phase I trial of intranasal moli1901 for cystic fibrosis, 143

Chromosomes: See Genetics

Chronic diseases, integrated health system for disease management: lessous learned from France, 695

integrated system for management: can we apply lessons learned from France? 365

Chronic obstructive pulmonary diseases: See Pulmonary diseases, chronic obstructive

Chronotropic incompetence: See Heart rate

Chyloptysis, in adults: presentation, recognition, and differential diagnosis, 336

Cigarette smoking: See Smoking

Clarithromycin, effects of subinhibitory concentrations of macrolide antibiotics on *Pseudomonas aeruginosa*, Feb. Supp., 62S

macrolides for the treatment of chronic sinusitis, asthma, and COPD, Feb. Supp., 52S

Cleft palate: See Velopharyngeal incompetence

Clinical investigations in critical care, see Critical care, clinical investigations in

Clinical pathways: See Guidelines

CME: See Education, medical, continuing

Coal worker's pneumoconiosis: See Pneumoconiosis

Cocaine, clinical value of the ECG in noncardiac conditions, 1561 Cold water submersion: See Hypothermia

Cold weather, elite athletes, field exercise vs laboratory eucapnic voluntary hyperventilation to identify airway hyperresponsiveness in, 909

Collar, cervicomandibular support: See Equipment

College, ACCP medical personnel services, Jan., pp. A-16, A-24, A-28, A-34, A-40, A-42, A-48; Feb., pp. A-16, A-19, A-28, A-33, A-39, A-44, A-46, A-49; Mar, pp. A-16, A-24, A28, A-34, A-40, A-42, A-48; Apr., pp. A-16, A-26, A-32, A-36, A-42, A-50, A-54, A-60, May, pp. A-16, A-24, A-28, A-40, A-44, A-50, A-54, A-58; June, pp. A-14, A-20, A-26, A-30, A-34, A-42, A-46, A-50

Coma, concussive clinical coincidence, 1593

Combination therapy, asthma treatment preference study: a conjoint analysis of preferred drug treatments, 916

evaluating, in community-acquired pneumonia, 353

Complications: See Postoperative complications: Pulmonary complications

Computed tomography: See Tomography, computed

Computerized reminder system, effect of a computerized system on the prevention of postoperative venous thromboembolism, 1635 Congestive heart failure: See Heart failure, congestive

Connecticut, ethnicity and skin test reactivity to aeroallergens among asthmatic children in, 85

Continuing medical education: See Education, medical, continuing Continuous positive airway pressure: See Positive airway pressure, continuous

Contraceptives, oral, hemoptysis in a 38-year-old woman receiving, 1944

Convocation speech, 2003, American College of Chest Physicians, 1910

COPD: See Pulmonary diseases, chronic obstructive

Coronary angioplasty, potential impact of primary percutaneous coronary intervention on ventricular septal rupture complicating acute myocardial infarction, 1622

Coronary artery, blood flow, moderate systemic hypotension during reperfusion reduces, and increases the size of myocardial infaretion in pigs, 1492

impact of systemic BP on coronary blood flow and infarct size during reperfusion therapy for acute myocardial infarction: refinements beyond the "plumbing." 1179

Coronary artery bypass graft, comparison of conservative and aggressive smoking cessation treatment strategies following surgery, 435

deep vein thrombosis among patients entering cardiac rehabilitation after, 191

tion after, 194 evolution of the postoperative pericardial effusion after day 15; the problem of the late tamponade, 2182

long-term beneficial effect of, in patients with COPD, 56

native matrix metalloproteinase characteristics may influence early stenosis of venous vs arterial, conduits, 1853

neurological complications after, related to the performance of cardiopulmonary bypass, 2196

off-pump, Novadaq SPY: intraoperative quality assessment in, 418 OPCAB vs CABG: who, what, when, where? 815

potassium supplementation, diet vs pills: a randomized trial in postoperative cardiac surgery patients, 404

Coronary circulation, increasing renal blood flow: low-dose dopamine or medium-dose norepinephrine, 2260

Coronary disease, cardiac troponin T in obstructive sleep apnea, 2097 prognostic value of stress testing in patients over 75 years of age with chronic angina, 1124

segmental early relaxation phenomenon: incidence, clinical characteristics, and significance in stress echocardiography, 1218 sleep, breathing, oxygen, and heart, 1596

steep, recarming, oxygen, and nearly 1990 timing of peak troponin T and creatine kinase-MB elevations after percutaneous coronary intervention, 275

Coronary syndromes, acute, brain natriuretic peptide in the management of heart failure: the versatile neurohormone, 652

dosing practices and risk factors for bleeding in patients receiving enoxaparin for the treatment of, 1616

rofecoxib, a COX-2 inhibitor, lowers C-reactive protein and interleukin-6 levels in patients with, 1610

Corticosteroids: See also Aerosols; Nebulizers; acute asthma in adults: a review, 1081

inhaled; asthma exacerbations and formoterol, 1590, 1591

inhaled; asthma treatment preference study; a conjoint analysis of preferred drug treatments, 916

inhaled, leukotriene modifier vs. in mild-to-moderate asthma: clinical and anti-inflammatory effects, 1693

inhaled, long-term dosing effects of mediator antagonists in treated atopic asthmatic patients, 1372

[inhaled vs oral], treatment with inhaled flunisolide, 1961, 1962 role of long-acting bronchodilators in the management of stable COPD, 249

sarcoidosis cycle, 1171, 1172

survey of Medicaid recipients with asthma: perceptions of selfmanagement, access, and care, 1359

therapy, combined cyclophosphamide therapy and, does not alter survival in idiopathic pulmonary fibrosis, 2169

Cosmetic blue dve: See Dves

Costs, accuracy and cost-effectiveness of [18F]-2-fluoro-deoxy-Dglucose-positron emission tomography scan in potentially resectable non-small cell hung cancer, 1413

acute asthma in adults: a review, 1081

clinical outcomes and, associated with low-molecular-weight heparin vs unfractionated heparin for perioperative bridging in patients receiving long-term oral anticoagulant therapy, 1642 daily routine chest radiographs, 1167, 1168

effect of three wound dressings on infection, healing comfort, and, in patients with sternotomy wounds: a randomized trial, 43

hospital and long-term outcome after tracheostomy for respiratory failure, 220

integrated health system for chronic disease management: lessons learned from France, 695

tracheostomy for respiratory failure; we need more answers, 7

treatment of community-acquired pneumonia in an employed population, 2140 use of a clinical pathway to manage unsuspected radiographic

findings, 1753
variations in pediatric asthma hospitalization rates and, between

variations in pernatric assimia nospiranzation rates and, between and within Nordic countries, 1680 Cough, chronic, gender differences in health-related quality of life in

patients complaining of, 482 development of chronic airway obstruction in patients with eosin-

ophilie bronchitis: a prospective follow-up study, 1998 during mannitol challenge is associated with asthma, 1985

efficacy of mechanical insufflation-exsufflation in medically stable patients with anyotrophic lateral sclerosis, 1400

impaired, use of the mechanical in-exsufflator in pediatric patients with neuromuscular disease and, 1406

prevalence of asthma and chronic respiratory symptoms among Alaska Native children, 1665

respiratory symptoms and physiologic assessment of ironworkers at the World Trade Center disaster site, 1248

woman with chronic, unproductive, and left lower lobe lung mass, 1148

COX-2: See Cyclooxygenase

CPAP: See Positive airway pressure, continuous

CPR: See Cardiopulmonary resuscitation

Creatine, erythrocyte, evaluation of intravascular hemolysis with, in patients with cardiac valve prosthesis, 2115

Creatine kinase-MB, elevations, timing of peak troponin T and, after percutaneous coronary intervention, 275

Critical care, acute asthma in adults: a review, 1081

anorexia protocolis, 1195

common causes of troponin elevations in the absence of acute myocardial infarction: incidence and clinical significance, 1877

crisis in the United States: a report from the profession, 1514 cytokines: the tomb markers of the ICU, 1980

daily routine chest radiographs, 1167, 1168

ICU admission for anterior myocardial infarction with shortness of breath, 1577

ICU admission of the lung transplant recipient following hospital discharge, 813

intensive care of patients with HIV infection: HAART warming improvement but beware of future HAART (and heart) attacks, 1602 medicine, crisis: a call for federal action; white paper from the critical care professional societies, 1518

toxicity of Food Drug and Cosmetic Blue No. 1 dye in critically ill patients, 793

Critical care, clinical investigations in, accurate, noninvasive continnous monitoring of cardiac output by whole-body electrical bioimpedance, 1431

alveolar granulocyte colony-stimulating factor and α -chemokines in relation to serum levels, pulmonary neutrophilia, and severity of lung injury in ARDS, 212

association between the TNF-2 allele and a better survival from cardiogenic shock, 2232

educational intervention to reduce ventilator-associated pneumonia in an integrated health system: a comparison of effects, 2224

emphysema and pneumothorax after percutaneous tracheostomy: ease reports and an anatomic study, 1805

ENHANCE US: a single-arm, phase 3B, multicenter study of drotrecogin alfa (activated) in severe sepsis, 2206

hospital and long-term outcome after tracheostomy for respiratory failure, 220

hospital mortality for patients with bacteremia due to Staphylococcus aureus or Pseudomonas aeruginosa, 607

influence of overweight on ICU mortality: a prospective study, 1441

intensive care in patients with HIV infection in the era of highly active antiretroviral therapy, 1800

new oxygenation index for reflecting intrapulmonary shunting in patients undergoing open-heart surgery, 592

outcome of coal worker's pneumoconiosis with acute respiratory failure, 1052

outcome of lung transplant patients admitted to the medical ICU,

outcomes in critically ill patients before and after the implementation of an evidence-based nutritional management protocol,

polymorphism in the surfactant protein-B gene, gender, and the risk of direct pulmonary injury and ARDS, 203

prediction of risk of death using 30-day outcome: a practical end point for quality auditing in intensive care, 1458

prevalence and outcomes of caregiving after prolonged (≥ 48 hours) mechanical ventilation in the ICU, 597

randomized controlled trial of an antibiotic discontinuation policy for clinically suspected ventilator-associated pneumonia, 1791

respiratory viruses and severe lower respiratory tract complications in hospitalized patients, 1033

role of open-lung biopsy in ARDS, 197

safety of ultrasound-guided thoracentesis in patients receiving mechanical ventilation, 1059

serum levels of the apoptosis-associated molecules, TNF/TNFRI and Fas/FasL, in sepsis, 2238

survival of patients with bronchiectasis after the first ICU stay for respiratory failure, 1815

tracheostomy tube enabling speech during mechanical ventilation,

transpyloric feeding tube placement in critically ill patients using electromyogram and erythromycin infusion, 587

treatment of acute exacerbations of chronic respiratory failure: integrated use of negative pressure ventilation and noninvasive positive pressure ventilation, 2217

Critical care pearls: See Pulmonary and critical care pearls

Critical care professional societies address the critical care crisis in the United States, 1512

Critical care reviews, clinical value of the ECG in noncardiac conditions, 1561

locating and selecting appraisal studies for reviews, 798, 799

Cross-infection: See also Pneumonia, nosocomial; dispersal of respiratory droplets with open vs closed oxygen delivery masks: implications for the transmission of severe acute respiratory syndrome, 1155

Cryptogenic fibrosing alveolitis: See Alveolitis

CT: See Tomography, computed CXC-chemokines: See Chemokines Cyanosis, assessment of symptoms and exercise capacity in cyanotic patients with congenital heart disease, 368

Cyclooxygenase-2, -dependent expression of survivin in non-small cell lung cancer, May Supp., 140S

in lung carcinogenesis and chemoprevention: Roger S. Mitchell

Lecture, May Supp., 1348 rofecoxib, a COX-2 inhibitor, lowers C-reactive protein and interleukin-6 levels in patients with acute coronary syndromes,

spinal prostaglandin formation and pain perception following thoracotomy: a role for, 1321

Cyclophosphamate, therapy, combined corticosteroid therapy and, does not alter survival in idiopathic pulmonary fibrosis, 2169

Cylinders, suction: See Equipment

Cysteinyl-leukotrienes: See Leukotrienes Cystic fibrosis, adult care: consensus conference report, Jan. Supp.,

15-395

analysis of tidal breathing profiles in COPD and, 901

breath condensate pH in children with asthma and: a new noninvasive marker of airway inflammation? 2005

effects of anaerobic training in children with: a randomized controlled study, 1299

immunomodulatory activity and effectiveness of macrolides in chronic airway disease, Feb. Supp., 70S

metabolic alkalosis and, 1169

phase I trial of intranasal moli1901 for, 143

pulmonary function and sputum production in patients with: a pilot study comparing the PercussiveTech HF device and standard chest physiotherapy, 1507

recognizing and treating glucocorticoid-induced osteoporosis in patients with pulmonary diseases, 1859

repeatability of forced expiratory volume measurements in adults with, 150

repeated adeno-associated virus serotype 2 aerosol-mediated cystic fibrosis transmembrane regulator gene transfer to the lungs of patients with: a multicenter, double-blind, placebo-controlled

top ten list in pediatric lung disease, H18

Cystic lung diseases, diffuse: See Pulmonary diseases

Cytokines, anti-inflammatory, hypothermia induces, and inhibits nitric oxide and myeloperoxidase-mediated damage in the hearts of endotoxemic rats, 1483

attenuation of reperfusion-induced systemic inflammation by preconditioning with nitric oxide in an in situ porcine model of normothermic lung ischemia, 2253

effects of hyperchloremic acidosis on arterial pressure and circulating inflammatory molecules in experimental sepsis, 243

the tomb markers of the ICU, 1980

Cytology, improved diagnostic sensitivity for lung cancer using an automated quantitative cytology system and uridine 5'-triphosphate-induced sputum specimens, May Supp., 157S

Cytology needle, Wang 22-gauge: See Biopsy

Cytomegalovirus, survey of clinical practice of lung transplantation in North America, 1224

D-dimer, clinical utility of, in patients with suspected pulmonary embolism and nondiagnostic lung scans or negative CT findings.

for suspected pulmonary embolism: whom should we test? 807 d-glucarate: See Glucarate

Death, sudden: See also Mortality; cardiovascular effects of β-agonists in patients with asthma and COPD: a meta-analysis, 2309 Deep vein thrombosis; See Thrombosis, deep vein

Dendritic cells, selective suppression of dendritic cell functions by cigarette smoke extract, May Supp., 1078

Denmark, variations in pediatric asthma hospitalization rates and costs between and within Nordic countries, 1680

Depreotide scintigraphy (technetium-99m depreotide scintigraphy): See Scintigraphy

Depression, prevalence and outcomes of caregiving after prolonged (≥ 48 hours) mechanical ventilation in the ICU, 597

simultaneous use of antidepressant and antihypertensive medications increases likelihood of diagnosis of obstructive sleep apnea syndrome, 1279

Developing countries, making an impossible mission possible, 293

Devices, medical: See Equipment

Dextran, a 52-year-old man with pulmonary edema following largevolume transfusion, 1556

Diabetes mellitus, cystic fibrosis adult care: consensus conference report, Jan. Supp., 1S-39S type 2 patients, altered exercise gas exchange as related to

microalbuminuria in, 1292 uncompensated type 11, uncontrolled hypertension, and smoking

have different patterns of vascular dysfunction, 823 Diagnosis, idiopathic interstitial pneumonias and the concept of the

trump card, 359 pneumonia in renal transplant recipients using invasive and non-

invasive procedures, 541 Diagnostic errors: See Spirometry

Diagnostic imaging: See Imaging techniques

Diagnostic yield, D-dimer for suspected pulmonary embolism: whom should we test? 807

Diaphragm, effect of lung volume reduction surgery on neuromechanical coupling at 2 years, 2188

paralysis, unusual cause of dyspnea in a 77-year-old man, 770 plication for diaphragmatic eventration; a simple technique, not a

simple problem, 1170

severe weakness, influence of immersion in water on muscle function and breathing pattern in patients with, 2069

Diastole, heart failure, 1588

segmental early relaxation phenomenon: incidence, clinical characteristics, and significance in stress echocardiography, 1218 DIDASCO study, 1394

Diet, potassium supplementation, pills vs: a randomized trial in postoperative cardiac surgery patients, 404

Diethylenetriaminepenta-acetic acid, comparison of lung deposition in two types of nebulization: intrapulmonary percussive ventilation vs jet nebulization, 502

Differential Diagnosis Between Asthma and COPD (DIDASCO study), 1394

Diffuse alveolar hemorrhage: See Hemorrhage

Diffuse aspiration bronchiolitis: See Bronchiolitis

Diffuse cystic lung diseases: See Pulmonary diseases

Diffusing capacity of the lung: See Carbon monoxide

Dilated pupil: See Eye

Dimer, D-, clinical utility of, in patients with suspected pulmonary embolism and nondiagnostic lung scans or negative CT findings,

for suspected pulmonary embolism: whom should we test? 807 Disability, can a standardized acupuncture technique palliate dis-

abling breathlessness: a single-blind, placebo-controlled crossover study, 1783

Disasters, respiratory symptoms and physiologic assessment of ironworkers at the World Trade Center site, 1248

symptoms, respirator use, and pulmonary function changes among New York City firefighters responding to the World Trade Center disaster, 1256

Dinretics, potassium supplementation, diet vs pills: a randomized trial in postoperative cardiac surgery patients, 404

DNA: See Genetics

Dobutamine, long-term intermittent infusion, combined with oral amiodarone for end-stage heart failure: a randomized doubleblind study, 1198

to infuse or not? 1182

Dogs, anesthetized, influence of IV haloperidol on ventricular repolarization and monophasic action potential duration in, 1821

can exogenously administered hyaluronan improve respiratory function in patients with pulmonary emphysema? 288

differential-display polymerase chain reaction identifies nicotinamide adenine dinucleotide-ubiquinone oxidoreductase as an ischemia/reperfusion-regulated gene in cardiomyocytes, 228

lasers, staples, bovine pericardium, tale, glue and. . .suction cylinders? tools of the trade to avoid air leaks in lung volume reduction surgery, 361

lung volume reduction surgery in canine model of predominantly upper lobe emphysema: advantages of new surgical system,

respiratory sinus arrhythmia: why does the heartbeat synchronize with respiratory rhythm? 683

Dopamine, low-dose, or medium-dose norepinephrine increasing renal blood flow, 2260

Doppler echocardiography: See Echocardiography

Doxycycline, empiric therapy of community-acquired pneumonia; guidelines for the perplexed? 1913 Driving: See Automobile driving

Drotrecogin alfa, (activated) extended evaluation of recombinant human activated protein C United States trial: a single-arm, phase 3B, multicenter study of, in severe sepsis, 2206

Drowning, survival after prolonged submersion in freshwater in Florida, 1948

Drug concentrations, steady-state intrapulmonary concentrations of moxifloxacin, levofloxacin, and azithromycin in older adults, 965

Drug reactions, acute pulmonary injury in association with amiodarone, 1591

a 52-year-old man with pulmonary edema following large-volume transfusion, 1556

Drug research, no more equivalence trials for antibiotics in exacerbations of COPD, please, 811

Drug resistance: See also Antibiotics, resistance; empiric therapy of community-acquired pneumonia: guidelines for the perplexed?

Drug toxicity: See Drug reactions

Drugs: See also Antibiotics; new lung cancer drugs from bradykinin antagonists, May Supp., 148S

Duchenne muscular dystrophy: See Muscular dystrophy, Duchenne Duke treadmill score, 1920

Dust, clay dye "sendo," pneumoconiosis in rush mat workers exposed to: clinical, radiologic, and histopathologic features in seven patients, 737

lung function among workers in the soft tissue paper-producing industry, 731

respiratory findings in tobacco industry workers, 802

DVT: See Thrombosis, deep vein

Dyes, CT fluoroscopy-guided bronchoscopic dye marking for resec-

tion of small peripheral pulmonary nodules, 1747 toxicity of Food Drug and Cosmetic Blue No. 1 dye in critically ill patients, 793

Dysphagia, after Heimlich maneuver, 302

diffuse aspiration bronchiolitis due to achalasia, 349, 350

Dyspnea, assessment of symptoms and exercise capacity in cyanotic patients with congenital heart disease, 368

brain natriuretic peptide in the management of heart failure; the versatile neurohormone, 652

can a standardized acupuncture technique palliate disabling breathlessness: a single-blind, placebo-controlled crossover study, 1783

chest wall kinematics and breathlessness during pursed-lip breathing in patients with COPD, 459

comparison of continuous and discrete measurements of, during exercise in patients with COPD and normal subjects, 77

ICU admission for anterior myocardial infarction with shortness of breath, 1577

relief, nebulized morphine: a convenient and safe alternative to?

unusual cause of, in a 77-year-old man, 770

Ear infections, history of, and prevalence of asthma in a national sample of children aged 2 to 11 years: the third National Health and Nutrition Examination Survey, 1988 to 1994, 1685

EBUS (endobronchial ultrasound): See Ultrasound

Echocardiography, Doppler; feasibility of routine pulmonary arterial impedance measurements in pulmonary hypertension, 2121

stress, segmental early relaxation phenomenon: incidence, clinical characteristics, and significance in, 1218

transthoracic; evolution of the postoperative pericardial effusion after day 15: the problem of the late tamponade, 2182

Edema, pulmonary: See Pulmonary edema

Education, experience and, improved the performance of transbronchial needle aspiration: a learning curve at a cancer center, 532

Education, medical, continuing, macrolides as biologic response modifiers: immunomodulatory and anti-inflammatory effects, Feb. Supp., 41S-78S

Educational intervention to reduce ventilator-associated pneumonia in an integrated health system: a comparison of effects, 2224

18-fluorodeoxyglucose positron emission tomography: See Tomography, positron emission

Ejection fraction, left ventricular: See Ventricle, left

Elastases, oral N-acetylcysteine attenuates elastase-induced pulmonary emphysema in rats, 1500

Elderly: See Age and aging

Electrical impedance, accurate, noninvasive continuous monitoring of cardiac output by whole-body bioimpedance, 1431

Electrical injuries, clinical value of the ECG in noncardiac conditions, 1561

Electrical stimulation, peripheral muscle strength training in patients with COPD, 1589, 1590

Electroanatomic mapping: See Imaging techniques

Electrocardiography, abnormal ECG in man admitted to ICU with chest pain and irregular pulse, 775

clinical value of, in noncardiac conditions [long QT syndrome], 1561

corrected QT dispersion and cardiac sympathetic function in patients with obstructive sleep apnea-hypopnea syndrome, 2107

QT dispersion: much ado about something? 1974

score predicts those with the greatest percentage of perfusion defects due to acute pulmonary thromboembolic disease, 1651

Electrolytes, clinical value of the ECG in noncardiac conditions, 1561 hypokalemia among patients receiving treatment for multidrugresistant tuberculosis, 974

Electromyography, transpyloric feeding tube placement in critically ill patients using electromyogram and erythromycin infusion, 587

Electrophysiology, atrial fibrillation: nonpharmacologic therapies coming of age, 1977

ELISA, D-dimer for suspected pulmonary embolism; whom should we test? 807

Embolism, pulmonary: See Pulmonary embolism

Emergency care, acute asthma in adults: a review, 1081

prospective multicenter study of relapse following emergency department treatment of COPD exacerbation, 473

volumetric capnography as a screening test for pulmonary embolism in the emergency department, 841

Emphysema: See also Lung volume reduction; Lung volume reduction surgery; Pulmonary diseases, chronic obstructive; airway obstruction is common but unsuspected in patients admitted to a general medicine service, 106

 α_1 -antitrypsin deficiency: more than a protease imbalance? 1605 assessment of, in COPD: a functional and radiologic study, 1714 bullous; dysphagia after Heimlich maneuver, 302

cigarette smoking, asthma and, vol. 124:2408; erratum, vol. 125:

effect of lung volume reduction surgery on diaphragmatic neuromechanical coupling at 2 years, 2188

functional analysis in single-lung transplant recipients: a comparative study of high-resolution CT, ³He-MRI, and pulmonary function tests, 173

genetics of COPD, 1929

lasers, staples, bovine pericardium, talc, glue and...suction cylinders? tools of the trade to avoid air leaks in lung volume reduction surgery, 361

lung volume reduction surgery in canine model of predominantly upper lobe emphysema: advantages of new surgical system, 633

new and emerging minimally invasive techniques for lung volume reduction, 777

prevalence of COPD in Greece, 892

pulmonary, can exogenously administered hyaluronan improve respiratory function in patients with? 288 pulmonary, increased levels of cell death and proliferation in alveolar wall cells in patients with, 626

pulmonary, oral N-acetylcysteine attenuates elastase-induced, in rats, 1500

smoking patterns in African Americans and whites with advanced COPD, 15

[subcutaneous], pneumothorax and, after percutaneous tracheostomy: case reports and an anatomic study, 1805

Z \(\alpha_1\)-antitrypsin polymerizes in the lung and acts as a neutrophil chemoattractant, 1952

Emphysematous bulla: See Emphysema, bullous

Employed population, treatment costs of community-acquired pneumonia in, 2140

End-of-life care: See Terminal care

Endobronchial brachytherapy: See Brachytherapy

Endobronchial sarcoidosis: See Sarcoidosis Endobronchial ultrasound: See Ultrasound

Endoscopy, routine chest radiographs after endoscopically guided percutaneous dilatational tracheostomy, 1173

Endothelial growth factor: See Vascular endothelial growth factor Endothelin-1, increased circulating, in rheumatic mitral stenosis: irrelevance to left atrial and pulmonary artery pressures, 390

Endothelium, uncontrolled hypertension, uncompensated type II diabetes, and smoking have different patterns of vascular dysfunction, 823

Endotoxemia, hypothermia induces anti-inflammatory cytokines and inhibits nitric oxide and myeloperoxidase-mediated damage in the hearts of endotoxemic rats, 1483

Endurance training: See Exercise

English language, locating and selecting appraisal studies for reviews, 798, 799

ENHANCE (Extended Evaluation of Recombinant Human Activated Protein C), 2206

Enoxaparin, anticoagulation in hospitalized patients with renal insufficiency: a comparison of bleeding rates with unfractionated heparin vs, 856

dosing practices and risk factors for bleeding in patients receiving, for the treatment of an acute coronary syndrome, 1616

Enteral feeding, toxicity of Food Drug and Cosmetic Blue No. 1 dye in critically ill patients, 793

transpyloric placement in critically ill patients using electromyogram and erythromycin infusion, 587 Environmental exposure: See also Occupational and environmental

Environmental exposure: see also Occupational and environmental lung disease (feature); asbestos and the pleura: a review, 1103 bird-years as well as pack-years, 353

effect of cigarette smoke exposure on pulmonary metastatic disease in a murine model of metastatic breast cancer, 1467 environmental causes of lung cancer: what do we know in 2003?

environmental causes of lung cancer: what do we know in 2003?

May Supp., 80S

environmental tobacco smoke may induce early lung damage in

healthy male adolescents, 1387 geographic and gender variability in the prevalence of bronchial responsiveness in Canada, 1657

malignant pleural mesothelioma: the puzzling role of gene-environment interaction, 1604

matrix metalloproteinases activity in COPD associated with wood smoke, 466

Environmental lung disease (feature): See Occupational and environmental lung disease (feature)

Eosinophilic bronchitis: See Bronchitis

Eosinophilic cationic protein, leukotriene modifier vs inhaled corticosteroid in mild-to-moderate asthma: clinical and anti-inflammatory effects, 1693

Epidemics: See Public health

Epithelial cells, bronchial: See Airway

Epithelial neutrophil-activating peptide, alveolar granulocyte colonystimulating factor and α-chemokines in relation to serum levels, pulmonary neutrophilia, and severity of lung injury in ARDS, 212

Epithelioid hemangioendothelioma: See Hemangioendothelioma Epoprostenol, effects of, on right ventricular hypertrophy and dilatation in pulmonary hypertension, 572

identical twins with primary pulmonary hypertension: beraproxt vs. 1157

Epoxide hydrolase, genetics of COPD, 1929

Epstein-Barr virus, survey of clinical practice of lung transplantation in North America, 1224

Equipment, bronchoscope reprocessing and infection prevention and control: bronchoscopy-specific guidelines are needed, 307

comparison of lung deposition in two types of nebulization: intrapulmonary percussive ventilation vs jet nebulization, 502 CT-guided transbronchial biopsy using an ultrathin bronchoscope

with virtual bronchoscopic navigation, 1138

diagnostic value of transbronchial needle aspiration by Wang 22-gauge cytology needle in intrathoracic lymphadenopathy, 527

dispersal of respiratory droplets with open vs closed oxygen delivery masks: implications for the transmission of severe acute respiratory syndrome, 1155

evaluation of the accuracy of SNAP technology sleep sonography in detecting obstructive sleep apnea in adults compared to standard polysonnography. 886 is my lung function really that good? flow-type spirometer prob-

lems that elevate test results, 1902

lack of efficacy for a cervicomandibular support collar in the management of obstructive sleep apnea, 118

lasers, staples, bovine pericardium, tale, glue and, . suction cylinders? tools of the trade to avoid air leaks in lung volume reduction surgery, 361

lung volume reduction surgery in canine model of predominantly upper lobe emphysema: advantages of new [vacuum-assisted] surgical system. 633

mandibular advancement devices in 630 men and women with obstructive sleep apnea and snoring: tolerability and predictors of treatment success, 1270

mandibular advancement titration for obstructive sleep apnea: optimization of the procedure by combining clinical and oximetric parameters, 1761

new and emerging minimally invasive techniques for lung volume reduction, 777

new safe and stable spiral wire needle for thoracoscopic resection of lung nodules, 2289

Novadaq SPY: intraoperative quality assessment in off-pump coronary artery bypass grafting, 418

pacemakers; chronotropic incompetence in a young adult: case report and literature review, 297

pacing wire; abnormal ECG in man admitted to ICU with chest pain and irregular pulse, 775

pulmonary function and sputum production in patients with cystic fibrosis: a pilot study comparing the PercussiveTech HF device and standard chest physiotherapy, 1507

symptoms, pulmonary function changes and respirator use among New York City firefighters responding to the World Trade Center disaster, 1256

Erythrocytes, creatine, evaluation of intravascular hemolysis with, in patients with cardiac valve prosthesis, 2115

Erythromycin, infusion, transpyloric feeding tube placement in critically ill patients using electromyogram and, 587

macrolides for the treatment of chronic sinusitis, asthma, and COPD, Feb. Supp., 52S

Erythropoietin, a 44-year-old Jehovah's Witness with life-threatening anemia from uterine bleeding, 1151

Esophageal neoplasms, significance of allogeneic blood transfusion on decreased survival in patients with esophageal adenocarcinoma, Oct. Supp., vol. 124:232S; clarification, vol. 125:356

Esophagus, clinical value of the ECG in noncardiac conditions, 1561 distal, acidification of, and sleep-related breathing disturbances, 2101

Ethics, SARS, pneumothorax, and our response to epidemics, 1982 treatment with inhaled flunisolide, 1961, 1962

Ethnic groups, ethnicity and skin test reactivity to aeroallergens among asthmatic children in Connecticut, 85

prevalence of asthma and chronic respiratory symptoms among Alaska Native children, 1665

sarcoidosis, race and short-term outcomes following lung transplantation, 990

smoking patterns in African Americans and whites with advanced COPD, 15 Europe, guidelines for empiric antimicrobial prescribing in community-acquired pneumonia, 1888

variations in pediatric asthma hospitalization rates and costs between and within Nordic countries, 1680

Evidence-based medicine, clinical practice of lung transplantation in North America, 1183

from "pro and con" debate to evid-nee-based practice: ventilatorassociated pneumonia, 1600

outcomes in critically ill patients before and after the implementation of nutritional management protocol, 1446

Exercise, altered gas exchange as related to microalbuminuria in type 2 diabetic patients. 1292

association of an abnormal heart rate recovery with pulmonary function abnormalities, 1286

capacity, assessment of symptoms and, in cyanotic patients with congenital heart disease, 368

cerebral oxygenation during, in cardiac patients, 182

elinical practice of lung transplantation in North America, 1183 comparison of continuous and discrete measurements of dyspnea during, in patients with COPD and normal subjects, 77

effect of lung volume reduction surgery on diaphragmatic neuromechanical coupling at 2 years, 2188

effects of anaerobic training in children with cystic fibrosis: a randomized controlled study, 1299

effects of whole-body training on body composition and functional capacity in normal-weight patients with COPD, 2021

endurance and strength training in patients with COPD, 2036 field, vs laboratory eucapnic voluntary hyperventilation to identify airway hyperresponsiveness in elite cold weather athletes, 909

for fun and profit [cardiopulmonary exercise testing]: joint statement on exercise by the American Thoracic Society and the American College of Chest Physicians, 1

gas exchange, membrane and capillary blood components of diffusion capacity of the lung for carbon monoxide in pulmonary sarcoidosis; relation to, 2061

performance and skeletal muscles in patients with advanced Chagas disease, 1306

prognostic value of stress testing in patients over 75 years of age with chronic angina, 1124

survey of clinical practice of lung transplantation in North America, 1224

test determinants of survival after cardiac transplantation, clinical determinants and, vol. 124:2000; clarification, vol. 125:1175

test, effect of age and end point on the prognostic value of, 1920 tolerance; actual and predicted postoperative changes in lung function after pneumonectomy: a retrospective analysis, 1735

vagal pas de deux: heart-lung interplay in postexercise heart rate recovery, 1186

various intensities [of], relationship between single-breath diffusion capacity of the hung for nitric oxide and carbon monoxide during, 1019

Exercise and the heart (feature), chronotropic incompetence in a young adult: case report and literature review, 297

clinical and exercise test determinants of survival after cardiac transplantation, vol. 124:2000; clarification, vol. 125:1175 effect of age and end point on the prognostic value of the exercise

test, 1920 prognostic value of stress testing in patients over 75 years of age

prognostic value of stress testing in patients over 75 years of age with chronic angina, 1124

Exogenous lipoid pneumonia: See Pneumonia

Expiratory flow, effect of heliox breathing on dynamic hyperinflation in COPD patients, 2075

extrathoracic, limitation in obesity and obstructive and restrictive disorders: effects of increasing negative expiratory pressure, 98

Expiratory flow, peak: See Peak expiratory flow

Exsufflation: See Cough

Extended Evaluation of Recombinant Human Activated Protein C (ENHANCE), 2206

External beam radiation therapy: See Radiotherapy

Extracellular matrix-associated fibronectin: See Fibronectin

Extravascular lung water: See Lung

Eye, obstructive sleep apuea syndrome complicating oculopharyngeal muscular dystrophy, 334 woman with COPD and fixed and dilated pupil following head trauma, 305

Family, concordance between parental and children's reports of parental smoking prompts, 429

effects of a comprehensive school-based asthma program on symptoms, parent management, grades, and absenteeism, 1674

environmental tobacco smoke may induce early lung damage in healthy male adolescents, 1387

identical twins with primary pulmonary hypertension: beraprost vs epoprostenol, 1157

lung cancer risk in relatives of early-onset lung cancer cases, May Supp., 898

patient-focused care: the 2003 American College of Chest Physicians convocation speech, 1910

prevalence and outcomes of caregiving after prolonged (≥ 48 hours) mechanical ventilation in the ICU, 597

Fas, cytokines: the tomb markers of the ICU, 1980

serum levels of the apoptosis-associated molecules, TNF/TNFRI and Fas/FasL, in sepsis, 2238

Fat-free mass, effects of whole-body exercise training on body composition and functional capacity in normal-weight patients with COPD, 2021

FDG-PET: See Tomography, positron emission

Feeding tubes: See Enteral feeding

Femoral vein, increased circulating endothelin-1 in rheumatic mitral stenosis: irrelevance to left atrial and pulmonary artery pressures, 390

FEV: See Forced expiratory volume

Fever, postbronchoscopy, prospective analysis of clinical characteristics and risk factors of, 945

tale and silver nitrate induce systemic inflammatory effects during the acute phase of experimental pleurodesis in rabbits, 2268

Fexofenadine, long-term dosing effects of mediator antagonists in inhaled corticosteroid-treated atopic asthmatic patients, 1372

Fibers, cellulose: See Cellulose fibers

Fibrinolysis, effect of repeated thoracenteses on fibrinolytic activity in malignant pleural effusion, 1965, 1966

treatment of complicated parapneumonic pleural effusion with intrapleural streptokinase in children, 566

Fibronectin, extracellular matrix-associated, expression and transforming growth factor-β₁ in pulmonary lymphangioleiomyomatosis, 1063

Fibrosing alveolitis, cryptogenic: See Alveolitis

Fibrous tumors, pleural: See Pleural neoplasms

Finland, variations in pediatric asthma hospitalization rates and costs between and within Nordic countries, 1680

Firefighters: See Occupational exposure

Fixed pupil: See Eye

Florida, survival after prolonged submersion in freshwater in, 1948 Florists, work-related asthma-like symptoms among, 2336

Flow-type spirometers: See Spirometry

Flunisolide, inhaled, treatment with, 1961, 1962

Fluorodeoxyglucose PET (18-fluorodeoxyglucose positron emission tomography): See Tomography, positron emission

Fluoroquinolones, Legionella pneumonia: the spectrum continues to expand, 1979

levofloxacin efficacy in the treatment of community-acquired legionellosis, 2135

Fluoroscopy-guided CT: See Tomography, computed

FOCCUS task force, 1512, 1514, 1518

Food: See Nutrition

Forced expiratory flow, term ambiguity, 797

Forced expiratory volume: See also Pulmonary function; actual and predicted postoperative changes in lung function after pneumonectomy: a retrospective analysis, 1735

do we really want to know why only some smokers get COPD? 1599

genetics of COPD, 1929

ICU admission of the lung transplant recipient following hospital discharge, 813 is my lung function really that good? flow-type spirometer problems that elevate test results, 1902

no more equivalence trials for antibiotics in exacerbations of COPD, please, 811

repeatability of measurements [of], in adults with cystic fibrosis, 150

Forced oscillation, respiratory symptoms and physiologic assessment of ironworkers at the World Trade Center disaster site, 1248 Forced vital capacity: See Vital capacity, forced

Foreign body aspiration, dysphagia after Heimlich maneuver, 302 au 85-year-old man with a lung mass, 1121

Formoterol, asthma exacerbations and, 1590, 1591

long-acting bronchodilators are the first-choice option for the treatment of stable COPD, 9

role of long-acting bronchodilators in the management of stable COPD, 249

Framing Options for Critical Care in the United States: See FOCCUS task force

France, integrated health system for chronic disease management: lessons learned from, 695

integrated system for chronic disease management: can we apply lessons learned from? 365

Freshwater submersion: See Hypothermia

Fungal infections: See also Blastomycosis: pulmonary infiltrates in the non-HIV-infected immunocompromised patient: etiologies, diagnostic strategies, and outcomes, 260

sarcoidosis cycle, 1171, 1172

Gambia, making an impossible mission possible, 293

y-interferon: See Interferon-y

Gas exchange: See Pulmonary gas exchange

Gastroesophageal reflux, diffuse aspiration bronchiolitis due to achalasia, 349, 350

Gastrointestinal disorders, prediction of risk of death using 30-day outcome: a practical end point for quality auditing in intensive care, 1458

Gastrointestinal system, cystic fibrosis adult care: consensus conference report, Jan. Supp., 18-398

Gemfloxacin, no more equivalence trials for antibiotics in exacerbations of COPD, please, 811

Gender factors: See Men; Women

General practice, office spirometry significantly improves early detection of COPD in: the DIDASCO study, 1394

Genetics, answer is fifteen percent: what is the question? 3

class prediction of lung nodule gene expression profiles, May Supp., 104S

construction and optimization of chromosome arm-specific comparative genomic hybridization arrays for identifying genetic alterations in preinvasive lung cancers, May Supp., 104S

epigenetics in lung cancer: focus on progression and early lesions, May Supp., 1198

gene expression patterns, prognostic and diagnostic markers, and lung cancer biopsy, May Supp., 111S

gene expression profiling identifies matriptase overexpression in malignant mesothelioma, 1843

genetic predisposition to lung cancer, May Supp., 86S

identical twins with primary pulmonary hypertension; beraprost vs epoprostenol, 1157

identification of spontaneous feline idiopathic pulmonary fibrosis: morphology and ultrastructural evidence for a type II pucumocyte defect, 2278

lung cancer risk in relatives of early-onset hing cancer cases, May Supp., S9S

malignant pleural mesothelioma: the puzzling role of gene-environment interaction, 1604

molecular classification of lung cancer: a cross-platform comparison of gene expression data sets, May Supp., 103S

of COPD, 1929

polymorphism in the surfactant protein-B gene, gender, and the risk of direct pulmonary injury and ARDS, 203

risk and severity of COPD is associated with the group-specific component of serum globulin 1F allele, 63

serial analysis of gene expression profiles of developmental stages in non-small cell lung carcinoma, May Supp., 978

use of standardized reverse transcription-polymerase chain reaction and the standardized expression measurement center in multiinstitutional trials to develop meaningful lung cancer classification based on molecular genetic criteria, May Supp., 1558

Genomes: See Genetics

Geographic and gender variability in the prevalence of bronchial responsiveness in Canada, 1657

Germany, lung function among workers in the soft tissue paperproducing industry, 731

Global Initiative for Chronic Obstructive Lung Disease, 9, 249

Global Initiative for Lung Disease, nebulized opioids use in COPD, 691

Globulin, risk and severity of COPD is associated with the groupspecific component of serum globulin 1F allele, 63

[vitamin D-binding protein], answer is fifteen percent: what is the question? 3

Glucarate, mechanisms of lung cancer chemoprevention by p-glucarate, May Supp., 1498

modulation of biomarkers during chemoprevention of mouse lung tumorigenesis by D-glucarate, May Supp., 1498

Glucocorticoids, recognizing and treating glucocorticoid-induced osteoporosis in patients with pulmonary diseases, 1859

Glutathione-S-transferase, genetics of COPD, 1929

Goblet cells, effects of macrolides on inflammatory cells, Feb. Supp., 418

Grades: See Schools

Graft rejection, survey of clinical practice of lung transplantation in North America, 1224

Gram-negative bacteria: See Bacterial infections, Gram-negative Gramis, Frederic W., lung cancer screening: response to Jerome

Reich, MD, 350 re: contumacy vs mendacity revisited: response to Dr. Grannis' letter, 351

Granulocyte colony-stimulating factor, alveolar, and α-chemokines in relation to serum levels, pulmonary neutrophilia, and severity of lung injury in ARDS, 212

Greece, prevalence of COPD in, 892

Growth factors: See Insulin-like growth factor: Transforming growth factor B: Vascular endotte lial growth factor

Growth-related oncogene alpha, 1706 Guidelines, anorexia protocolis, 1195

balloon dilatation using flexible bronchoscopy for the management of benign and malignant airway stenoses, 354

bronchoscopy-specific, are needed: bronchoscope reprocessing and infection prevention and control, 307

competencies in pulmonary procedures, 800 empiric therapy of community-acquired pneumonia: guidelines for the perplexed? 1913

for empiric antimicrobial prescribing in community-acquired pneumonia, 1888

hypokalemia among patients receiving treatment for multidrugresistant tuberculosis, 974

methacholine challenge testing; comparison of the two American Thoracic Society-recommended methods, 453

nebulized opioids use in COPD, 691

following head trauma, 305

role of long-acting bronchodilators in the management of stable COPD, 249

top ten list in idiopathic pulmonary fibrosis, 1885

use of a clinical pathway to manage unsuspected radiographic findings, 1753

H37, evaluation of H37, a candidate 3p21.3 tumor suppressor gene, as a therapeutic and diagnostic marker in lung cancer, May Supp., 1028

HAART (highly active antiretroviral therapy): See HIV infections

 Haloperidol, W. influence of, on ventricular repolarization and monophasic action potential duration in anesthetized dogs, 1821
 Head trauma, woman with COPD and fixed and dilated pupil Healing, wound: See Wound healing

Health care delivery system, integrated health system for chronic disease management; lessons learned from France, 695

Health care personnel, critical care crisis in the United States: a report from the profession, 1514

critical care medicine crisis: a call for federal action; white paper from the critical care professional societies, 1518

critical care professional societies address the critical care crisis in the United States, 1512

Health manpower: See Health care personnel; Physicians

Health-related quality of life: See Quality of life

Heart: See also Ventricle: headings beginning with Cardiac: Cardiac :: Myocardial: cardiac troponin T in obstructive sleep apnea, 2097

cardiovascular effects of β-agonists in patients with asthma and COPD: a meta-analysis, 2309

cerebral oxygenation during exercise in cardiac patients, 182 corrected QT dispersion and cardiac sympathetic function in patients with obstructive sleep apnea-hypopnea syndrome.

patients with obstructive sleep apnea-hypopnea syndrome, 2107 deep vein thrombosis among patients entering cardiac rehabilita-

hypothermia induces anti-inflammatory evtokines and inhibits nitric oxide and myeloperoxidase-mediated damage in the hearts of endotoxemic rats, 1483

tion after coronary artery bypass surgery, 191

mechanical properties of tracheal smooth muscle are impaired in the rabbit with experimental cardiac pressure overload, 236

prognostic value of stress testing in patients over 75 years of age with chronic angina, 1124

sleep, breathing, oxygen, and 1596

vagal pas de deux: heart-lung interplay in postexercise heart rate recovery, 1186

Heart atrium, left: See Atrium, left

Heart attack: See Myocardial infarction

Heart block, abnormal ECG in man admitted to ICU with chest pain and irregular pulse, 775

Heart diseases, congenital, assessment of symptoms and exercise capacity in eyanotic patients with, 368

intensive care of patients with HIV infection: HAART warming improvement but beware of future HAART (and heart) attacks, 1602

making an impossible mission possible, 293

prediction of risk of death using 30-day outcome: a practical end point for quality auditing in intensive care, 1458

QT dispersion: much ado about something? 1974

Heart failure, common causes of troponin elevations in the absence of acute myocardial infarction: incidence and clinical significance, 1877

diastolic, 1588

end stage; to infuse or not? 1182

left, pulmonary manifestations of, 669

pulmonary manifestations of left heart failure, 669

Heart failure, congestive, accurate, noninvasive continuous monitoring of cardiac output by whole-body electrical bioimpedance, 1431

brain natriuretic peptide in the management of: the versatile neurohormone, 652

cardiovascular effects of $\beta\mbox{-agonists}$ in patients with asthma and: a meta-analysis, 2309

exercise performance and skeletal muscles in patients with advanced Chagas disease, 1306

long-term intermittent dobutamine infusion, combined with oral amiodarone for end-stage heart failure: a randomized doubleblind study, 1198

pulmonary manifestations of left heart failure, 669

Heart rate, association of an abnormal exercise recovery with pulmonary function abnormalities, 1286

chronotropic incompetence in a young adult: case report and literature review, 297

recovery, postexercise, vagal pas de deux; heart-lung interplay in, 1186

respiratory sinus arrhythmia: why does the heartbeat synchronize with respiratory rhythm? 683

Heart septum, potential impact of primary percutaneous coronary intervention on ventricular septal rupture complicating acute myocardial infarction, 1622

Heart surgery: See also Coronary artery bypass graft

atrial fibrillation: non-pharmacologic therapies coming of age, 1977 blood and starch in cardiac surgery, 2369

concomitant valvular, preoperative atrial size predicts the success of radiofrequency maze procedure for permanent atrial fibrillation in patients undergoing, 2129

effect of three wound dressings on infection, healing comfort, and cost in patients with sternotomy wounds: a randomized trial, 43

epidemiology of nosocomial pneumonia in infants after cardiac surgery, 410

evolution of the postoperative pericardial effusion after day 15: the problem of the late tamponade, 2182

ICU admission for anterior myocardial infarction with shortness of breath, 1577

new oxygenation index for reflecting intrapulmonary shunting in patients undergoing open-heart surgery, 592

OPCAB vs CABG: who, what, when, where? 815

potassium supplementation, diet vs pills: a randomized trial in postoperative cardiac surgery patients, 404

use of novel nonfluoroscopic three-dimensional electroanatomic mapping system to monitor and analyze, in animal models, 1830

Heart transplantation, clinical and exercise test determinants of survival after, vol. 124:2000; clarification, vol. 125:1175

Heart valves, evaluation of intravascular hemolysis with erythrocyte creatine in patients with cardiac valve prosthesis, 2115

evolution of the postoperative pericardial effusion after day 15: the problem of the late tamponade, 2182

further insights into the prothrombotic state in mitral stenosis and atrial flutter, 2361, 2362, 2363

ICU admission for anterior myocardial infarction with shortness of breath, 1577

increased circulating endothelin-1 in rheumatic mitral stenosis: irrelevance to left atrial and pulmonary artery pressures, 390

mechanism of reducing platelet activity by percutaneous transluminal mitral valvuloplasty in patients with rheumatic mitral stenosis, 1629

percutaneous transluminal mitral valvuloplasty reduces circulating vascular cell adhesion molecule-1 in rheumatic mitral stenosis, 1213

preoperative atrial size predicts the success of radiofrequency maze procedure for permanent atrial fibrillation in patients undergoing concomitant valvular surgery, 2129

[rheumatic mitral stenosis], 44-year-old man with suspected exacerbation of COPD and atrial fibrillation, 2340

Heart ventricles: See Ventricle, left: Ventricle, right

Heimlich maneuver, dysphagia after, 302

Helicopters: See Air transport

Heliox, acute asthma in adults: a review, 1081

effect of, breathing on dynamic hyperinflation in COPD patients, 2075

Helium-3 MRI: See Magnetic resonance imaging

Helium-oxygen: See Heliox

Hemangioendothelioma, pulmonary epithelioid: an unusual case and a review of the literature, 789

Hemangioma, supraglottic, bronchoscopy diagnostic of an atypical presentation of laryngeal stridor, associated with double vascular ring in an infant, Oct. Supp., vol. 124:3248; clarification, vol. 125, 256.

Heme oxygenase, genetics of COPD, 1929

Hemidiaphragmatic paralysis: See Diaphragmatic paralysis

Hemodynamics, clinical and exercise test determinants of survival after cardiac transplantation, vol. 124:2000; clarification, vol. 125:1175

neurological complications after coronary artery bypass grafting related to the performance of cardiopulmonary bypass, 2196

Hemodynamics, pulmonary: See Pulmonary circulation
Hemolysis, intravascular, evaluation of, with erythrocyte creatine in patients with cardiac valve prosthesis, 2115

Hemoptysis, bronchial stricture and, in a woman with sickle cell anemia, 766

in a 38-year-old woman receiving an oral contraceptive, 1944

Hemorrhage, anticoagulation in hospitalized patients with renal insufficiency; a comparison of bleeding rates with unfractionated heparin vs enoxaparin, 856

diffuse alveolar: "imitators" of the ARDS: implication for diagnosis and treatment, 1530

dosing practices and risk factors for bleeding in patients receiving enosaparin for the treatment of an acute coronary syndrome, 1616

extended evaluation of recombinant human activated protein C United States trial: a single-arm, phase 3B, multicenter study of drotrecogin alfa (activated) in severe sepsis, 2206

a 44-year-old Jehovah's Witness with life-threatening anemia from uterine bleeding. 1151

prospective analysis of clinical characteristics and risk factors of postbronehoscopy fever, 945

Heparin, costs and clinical outcomes associated with low-molecularweight vs unfractionated, for perioperative bridging in patients receiving long-term oral anticoagulant therapy, 1642

low-molecular-weight; dosing practices and risk factors for bleeding in patients receiving enoxaparin for the treatment of an acute coronary syndrome, 1616

unfractionated, comparison of bleeding rates with enoxaparin vs; anticoagulation in hospitalized patients with renal insufficiency, 856

Hepatitis C virus, active infection, increased responses to inhaled oxitropium bromide in asthmatic patients with, 1368

Hepatocytes, elevated hepatocyte growth factor level correlates with poor outcome in early-stage and late-stage adenocarcinoma of the lung, May Supp., 116S

High dose rate endobronchial brachytherapy: See Brachytherapy High-resolution computed tomography: See Tomography, computed, high-resolution

Highly active antiretroviral therapy (HAART): See HIV infections Hilar lymphadenopathy: See Lymphadenopathy

Hispanic Americans, concordance between parental and children's reports of parental smoking prompts, 429

Histiocytosis, Langerhans cell, diffuse cystic lung diseases: correlation between radiologic and functional status, 135

pulmonary Langerhans cell, pneumothorax in, 1028

Histology, idiopathic interstitial pneumonias and the concept of the trump card, 359

prognostic implications of histologic patterns in multiple surgical lung biopsies from patients with idiopathic interstitial pneumonias, 522

Histoplasmosis, progressive disseminated; sarcoidosis cycle, 1171, 1179

History, apnea and, 1587, 1588

HIV infections, intensive care in patients with, in the era of highly active antiretroviral therapy, 1800

intensive care of patients with: HAART warming improvement but beware of future HAART (and heart) attacks, 1602

US hospital care for patients with pneumonia and: the role of public, private, and Veteraus Affairs hospitals in the early highly active antiretroviral therapy era, 548

HIV-1 infections, [do] not impair human alveolar macrophage phagocytic function unless combined with eigarette smoking, 1071

Hodgkin disease, pleural effusions in hematologic malignancies, 1546 Home health care, integrated health system for chronic disease management: lessons learned from France, 695

portable monitoring for diagnosing obstructive sleep apnea: not yet ready for primetime, 809

Homeless, urban, obstructive lung disease among, 1719

Hong Kong: See China

Hospitalization, acute asthma in adults: a review, 1081

airway obstruction is common but unsuspected in patients admitted to a general medicine service, 106

anticoagulation in hospitalized patients with renal in afficiency: a comparison of bleeding rates with unfractionated heparin vs enoxaparin, 856

care for patients with HIV infection and pneumonia: the role of public, private, and Veterans Affairs hospitals in the early highly active antiretroviral therapy era. 548

education and experience improved the performance of transbronchial needle aspiration: a learning curve at a cancer center.

532

educational intervention to reduce ventilator-associated pucumonia in an integrated health system: a comparison of effects, 2224

ICU admission of the lung transplant recipient following discharge, 813

long-term outcome after tracheostomy for respiratory failure, 220 mortality for patients with bacteremia due to Staphylococcus aureus or Pseudomonas aeruginosa, 607

prediction of risk of death using 30-day outcome: a practical end point for quality anditing in intensive care, 1458

rates, pediatric asthma, variations in, and costs between and within Nordic countries, 1680

respiratory viruses and severe lower respiratory tract complications in hospitalized patients, 1033

survey of clinical practice of lung transplantation in North America, 1224

vitamin E and beta-carotene supplementation and hospital-treated pneumonia incidence in male smokers, 557

HRCT: See Tomography, computed, high-resolution

HTLV-1-associated bronchiolitis, clinical similarities and differences between [it] and diffuse panbronchiolitis. 1239

Human immunodeficiency virus: See HIV infections Human T-cell lymphotropic virus type 1: See HTLV-1

Hyaluronan, exogenously administered, can [it] improve respiratory function in patients with puls-ionary emphysema? 288

Hydrochloride, effects of hyperchloremic acidosis on arterial pressure and circulating inflammatory molecules in experimental sepsis, 243

Hyperaldosteronism: See Aldosterone

Hypercapnia: See also Carbon dioxide; nebulized opioids use in COPD, 691

obesity-hypoventilation syndrome: the name game continues, 352 respiratory sinus arrhythmia: why does the heartbeat synchronize with respiratory rhythm? 683

Hyperchloremic acidosis: See Acidosis

Hyperinflation: See Lung

Hyperlactatemia, infant blood transfusions, 799

Hypersensitivity, effect of ozone exposure on airway responses to inhaled allergen in asthmatic subjects, 2328

ethnicity and skin test reactivity to aeroallergens among asthmatic children in Connecticut, \$5

predicting response to omalizumab, an anti-IgE antibody, in patients with allergic asthma, 1378

work-related asthma-like symptoms among florists, 2336

Hypersensitivity pneumonitis: See Pneumonitis

Hypertension, making an impossible mission possible, 293

resistant, aldosterone excretion among subjects with, and symptoms of sleep apnea, 112

simultaneous use of antidepressant and antihypertensive medications increases likelihood of diagnosis of obstructive sleep apnea syndrome, 1279

uncontrolled, uncompensated type II diabetes, and smoking have different patterns of vascular dysfunction, 823

white coat, and sleep apnea: is there a link? 805

white coat, in patients with obstructive sleep apnea-hypopuea syndrome, 817

Hypertension, pulmonary, bosentan in pulmonary artery hypertension secondary to systemic sclerosis, Oct. Supp., vol. 124:2238; clarification, vol. 125:356

effects of epoprostenol on right ventricular hypertrophy and dilatation in, 572

feasibility of routine pulmonary arterial impedance measurements in, 2121

primary, hemodynamic response to sildenafil, nitric oxide, and iloprost in, 580

primary, identical twins with: beraprost vs epoprostenol, 1157 primary, reversal of nocturnal periodic breathing in, after lung transplantation, 344 prolonged nitric oxide inhalation fails to regress hypoxic vascular remodeling in rat hung, 2247

pulmonary responses to selective phosphodiesterase-5 and phosphodiesterase-3 inhibitors, 644

survey of clinical practice of lung transplantation in North America, 1224

Hypertrophy, cardiac: See Cardiac hypertrophy

Hyperventifation, laboratory eucapnic voluntary, vs field exercise to identify airway hyperresponsiveness in elite cold weather athletes, 909

Hypokalemia, among patients receiving treatment for multidrugresistant tuberculosis, 974

Hypopnea: See also Apnea-hypopnea index; plasma orexin-A levels in obstructive sleep apnea-hypopnea syndrome, 1963

white coat hypertension in patients with obstructive sleep apneahypopnea syndrome, 817

Hypotension, impact of right ventricular dysfunction on the prognosis and therapy of normotensive patients with pulmonary embolism, 1539

moderate systemic, during reperfusion reduces the coronary blood flow and increases the size of myocardial infarction in pigs, 1492

Hypothermia, clinical value of the ECG in noncardiac conditions, 1561

induces anti-inflammatory cytokines and inhibits nitric oxide and myeloperoxidase-mediated damage in the hearts of endotoxemic rats, 1483

survival after prolonged submersion in freshwater in Florida, 1948 Hypoventilation: See Obesity-hypoventilation syndrome

Hypoxemia: See Anoxemia

Hypoxia: See Anoxia

Idiopathic pneumonia syndrome: See Pneumonia, idiopathic syndrome

Idiopathic pulmonary fibrosis: See Pulmonary fibrosis, idiopathic Ig: See Immunoglobulins

Hoprost, hemodynamic response to sildenafil, nitric oxide, and, in primary pulmonary hypertension, 580

Imaging techniques: See also Radiography; Roentgenogram of the month; Tomography, computed; Tomography, positron emission: [indocyanine green], Novadaq SPY; intraoperative quality assessment in off-pump coronary artery bypass grafting, 418

seeking a home for a PET, part 1: defining the appropriate place for positron emission tomography imaging in the diagnosis of pulmonary nodules or masses, 2294

seeking a home for a PET, part 2: defining the appropriate place

for positron emission tomography imaging in the staging of patients with suspected lung cancer, 2300 use of novel nonfluoroscopic three-dimensional electroanatomic

mapping system to monitor and analyze heart surgery in animal models, 1830

utility of ^{99m}Te depreotide compared with F-18 fluorodeoxyglucose positron emission tomography and surgical staging in patients with suspected non-small cell lung cancer, 494

Immersion: See also Drowning; in water, influence of, in water on muscle function and breathing pattern in patients with severe diaphragm weakness, 2069

Immunization: See Influenza

Immunocompromised patients, with lung infiltrates, role of flexible bronchoscopy in, 712

Immunoglobulins, clinical practice of lung transplantation in North America, 1183

predicting response to omalizumab, an anti-IgE antibody, in patients with allergic asthma, 1378

Immunomodulation, macrolides as biologic response modifiers: immunomodulatory and anti-inflammatory effects, Feb. Supp., 41S-78S

Immunosuppression, pulmonary infiltrates in the non-HIV-infected immunocompromised patient: etiologies, diagnostic strategies, and outcomes, 260

respiratory viruses and severe lower respiratory tract complications in hospitalized patients, 1033 survey of clinical practice of lung transplantation in North America,

Impact of basic research on tomorrow's medicine, genetics of COPD, 1929

role of transforming growth factor β in lung development and disease, 754

Impedance, measurements, routine pulmonary arterial, in pulmonary hypertension, 2121

Impedance, electrical: See Electrical impedance

Indocyanine green imaging system: See Imaging techniques

Infants: See also Children: blood transfusions, 799

epidemiology of nosocomial pneumonia in, after cardiae surgery,

safety and efficacy of ketamine sedation for flexible fiberoptic bronehoscopy, 1132

use of nasopharyngoscopy in the evaluation of children with noisy breathing, 1265

Infection control, bronchoscope reprocessing and infection preven-tion and control; bronchoscopy-specific guidelines are needed,

dispersal of respiratory droplets with open vs closed oxygen delivery masks: implications for the transmission of severe acute respiratory syndrome, 1155

SARS, pneumothorax, and our response to epidemics, 1982

Infections: See Bacterial infections; HIV infections; Pulmonary infections; Pneumonia; Viral infections

Inflammation, evidence that inflammation encourages pulmonary adenocarcinoma formation in mice: elinical implications, May Supp., 154S

markers of, in exhaled breath condensate of young healthy smokers, 22

statin, sepsis and, 2365

Inflammatory mediators, rofecoxib, a COX-2 inhibitor, lowers C-reactive protein and interleukin-6 levels in patients with acute coronary syndromes, 1610

Inflammatory response, association between serum C-reactive protein elevation and left ventricular thrombus formation after first anterior invocardial infarction, 384

attenuation of reperfusion-induced systemic inflammation by preconditioning with nitric oxide in an iu situ porcine model of normothermic lung ischemia, 2253

tale and silver nitrate induce systemic inflammatory effects during the acute phase of experimental pleurodesis in rabbits, 2268

Influenza, vaccination, acute respiratory illness in patients with COPD and the effectiveness of: a randomized controlled study,

vaccination in vulnerable populations, 1971

viral community-acquired pneumonia in nonimmunocompromised adults, 1343

Information technology, critical care crisis in the United States: a report from the profession, 1514

Informed consent, 2367

Infusions, inotropic: See Inotropic infusions

Inhalation challenge: See Bronchial provocation

Inhaled drugs: See Aerosols; Corticosteroids, inhaled; Nebulizers

Inotropic infusions, to infuse or not? 1182

Insufflation: See Cough

Insulin-like growth factor, effects of budesonide on overall 5-methyleytosine levels and specific methylation and messenger RNA expression of the insulin-like growth factor II gene in mouse lung tumors, May Supp., 1578

malignant pleural mesothelioma: the puzzling role of gene-environment interaction, 1604

Intensive care: See Critical care

Interferon-y, aerosolized, regional deposition of, in pulmonary tuberculosis, 2146

comparison of six biological markers for the diagnosis of tuberculous pleuritis, 987

1b, top ten list in idiopathic pulmonary fibrosis, 1885

Interleukin-6, C-reactive protein in pneumonia: let me try again,

plasma, increased, is associated with the pathogenesis of obstructive sleep apnea syndrome, 1964, 1965

rofecoxib, a COX-2 inhibitor, lowers C-reactive protein and, levels in patients with acute coronary syndromes, 1610

Interleukin-8, activation of bronchial epithelial cells in smokers without airway obstruction and patients with COPD, 1706

alveolar granulocyte colony-stimulating factor and α-chemokines in relation to serum levels, pulmonary neutrophilia, and severity of lung injury in ARDS, 212

tale and silver nitrate induce systemic inflammatory effects during the acute phase of experimental pleurodesis in rabbits, 2268 Interleukin-13, genetics of COPD, 1929

Interleukins, hypothermia induces anti-inflammatory cytokines and inhibits nitric oxide and myeloperoxidase-mediated damage in the hearts of endotoxemic rats, 1483

International health, asthma: the epidemic has ended, or has it? 1969 SARS, pneumothorax, and our response to epidemics, 1982

Internet, locating and selecting appraisal studies for reviews, 798, 799 Interstitial lung diseases: See Pulmonary diseases, interstitial

Intranasal administration: See Nose

Intrapulmonary percussive ventilation: See Aerosols

Intrapulmonary shunts: See Shunts

Intravenous administration, proper balance, 13

Intubation, acute asthma in adults: a review, 1081

daily routine chest radiographs, 1167, 1168

tracheal, anatomic evaluation of postural bronehial drainage of the lung with special reference to patients with: which combination of postures provides the best simplification? 935

Ipratropium, long-acting bronehodilators are the first-choice option for the treatment of stable COPD, 9

Iridium, high dose rate brachytherapy for nonmalignant airway obstruction: new treatment option, vol. 124:1605; elarification,

Iron, a 44-year-old Jehovah's Witness with life-threatening anemia from uterine bleeding, 1151

Ironworkers: See Occupational exposure

Ischemia: See also Lung, ischemia; cardiovascular effects of β-agonists in patients with COPD and: a meta-analysis, 2309

Ischemia/reperfusion-regulated gene, differential-display polymerase chain reaction identifies nicotinamide adenine dinucleotideubiquinone oxidoreductase as, in cardiomyocytes, 228

ISOLDE study, withdrawal of treatment in, 2368

Isoprostaglandins, increased urinary 8-isoprostaglandin F₂α is associated with lower plasma selenium levels and lower vegetable and fruit intake in an asbestos-exposed cohort at risk for lung cancer, May Supp., 83S

8-isoprostane, a marker of oxidative stress, is increased in the expired breath condensate of patients with pulmonary sarcoidosis, 1005

IV's: See Intravenous administration

Japan, clinical similarities and differences between human T-cell lymphotropic virus type 1-associated bronchiolitis and diffuse panbronchiolitis, 1239

pneumoconiosis in rush mat workers exposed to elay dye "sendo" dust: clinical, radiologic, and histopathologic features in seven patients, 737

Jehovah's Witnesses: See Religion

let nebulization: See Aerosols

Joint disease, cystic fibrosis adult care: consensus conference report, Jan. Supp., 1S-39S

Kapalabhati pranayama—breath of fire or cause of pneumothorax: a case report, 1951

Ketamine sedation: See Sedation

Ketolides, empiric therapy of community-acquired pneumonia; guidelines for the perplexed? 1913

Kidney, anticoagulation in hospitalized patients with renal insufficiency: a comparison of bleeding rates with unfractionated heparin vs enoxaparin, 856

failure, common causes of troponin elevations in the absence of acute myocardial infarction: incidence and clinical significance, 1877

increasing renal blood flow: low-dose dopamine or medium-dose norepinephrine, 2260

transplantation, diagnosis of pneumonia in renal transplant recipients using invasive and noninvasive procedures, 541

Kinase: See Protein kinase

Kit protein: See CD117 (kit) protein

KL-6, serum levels of, for predicting the occurrence of radiation pneumonitis after stereotactic radiotherapy for lung tumors, 340 Kosovo: See Refugees

Laboratory and animal investigations, attenuation of reperfusioninduced systemic inflammation by preconditioning with nitrie oxide in an in situ porcine model of normothermic lung ischemia, 2253

differential-display polymerase chain reaction identifies nicotinamide adenine dinucleotide-ubiquinone oxidoreductase as an ischemia/reperfusion-regulated gene in cardiomyocytes, 228

effect of eigarette smoke exposure on pulmonary metastatic disease in a murine model of metastatic breast cancer, 1467

effects of hyperchloremic acidosis on arterial pressure and circulating inflammatory molecules in experimental sepsis, 243

expression of adhesion molecules during apoptosis of circulating neutrophils in COPD, 1837

gene expression profiling identifies matriptase overexpression in malignant mesothelioma, 1843

HIV-1 infection does not impair human alveolar macrophage phagocytic function unless combined with eigarette smoking, 1071

hypothermia induces anti-inflammatory cytokines and inhibits nitric oxide and myeloperoxidase-mediated damage in the hearts of endotoxemic rats, 1483

identification of spontaneous feline idiopathic pulmonary fibrosis: morphology and ultrastructural evidence for a type II pneumocyte defect, 2278

increased levels of cell death and proliferation in alveolar wall cells in patients with pulmonary emphysema, 626

increased surfactant protein-A levels in patients with newly diagnosed idiopathic pulmonary fibrosis. 617

increasing renal blood flow: low-dose dopamine or medium-dose norepinephrine, 2260

influence of IV haloperidol on ventricular repolarization and monophasic action potential duration in anesthetized dogs, 1821

lung volume reduction surgery in canine model of predominantly upper lobe emphysema: advantages of new surgical system, 633

mechanical properties of tracheal smooth muscle are impaired in the rabbit with experimental cardiac pressure overload, 236

moderate systemic hypotension during reperfusion reduces the coronary blood flow and increases the size of myocardial infarction in pigs, 1492

native matrix metalloproteinase characteristics may influence early stenosis of venous vs arterial coronary artery bypass grafting conduits, 1853

oral N-acetyleysteine attenuates elastase-induced pulmonary emphysema in rats, 1500

prolonged nitric oxide inhalation fails to regress hypoxic vascular remodeling in rat lung. 2247

pulmonary responses to selective phosphodiesterase-5 and phosphodiesterase-3 inhibitors, 644

side effects of endotracheal suction in pressure- and volumecontrolled ventilation, 1077

smoke/burn injury-induced respiratory failure elicits apoptosis in ovine lungs and cultured lung cells, ameliorated with arteriovenous CO_2 removal, 1472

tale and silver nitrate induce systemic inflammatory effects during the acute phase of experimental pleurodesis in rabbits, 2268

transforming growth factor-β₁ and extracellular matrix-associated fibronectin expression in pulmonary lymphangioleiomyomatosis, 1063 use of novel nonfluoroscopic three-dimensional electroanatomic mapping system to monitor and analyze heart surgery in animal models, 1830

Lactate, infant blood transfusions, 799

Langerhans cell histiocytosis: See Histiocytosis

Lasers, interventional bronchoscopy for treatment of tracheal obstruction secondary to benign or malignant thyroid disease, 723
Latino-Americans: See Hispanic Americans

Left atrium: See Atrium, left

Left ventricular ejection fraction: See Ventricle, left

Legal claims, asbestos and the pleura: a review, 1103

Legionella pneumonia: the spectrum continues to expand, 1979 Legionella pneumophila, contribution of C-reactive protein to the

Legionella pueumophila, contribution of C-reactive protein to the diagnosis and assessment of severity of community-acquired pneumonia, 1335

Legionellosis, community-acquired, levofloxacin efficacy in the treatment of, 2135

Leukemia, pleural effusions in hematologic malignancies, 1546

Leukocytes, potential role for activated leukocyte cell adhesion molecule and neural cadherin in metastasis to the lung microcirculation, May Supp., 1508

Leukotriene antagonists, acute asthma in adults: a review, 1081

Leukotriene receptor antagonists, effects of pranlukast administration on vascular endothelial growth factor levels in asthmatic patients, 1700

leukotriene modifier vs inhaled corticosteroid in mild-to-moderate asthma: clinical and anti-inflammatory effects, 1693

Leukotrienes, eysteinyl; effects of pranlukast administration on vascular endothelial growth factor levels in asthmatic patients, 1700

Levofloxacin, efficacy in the treatment of community-acquired legionellosis, 2135

Legionella pneumonia: the spectrum continues to expand, 1979 steady-state intrapulmonary concentrations of moxifloxacin, azithromycin and, in older adults, 965

Life span, to infuse or not? 1182

LILACS, locating and selecting appraisal studies for reviews, 798, 799 Linezolid, vanconvein and, in nosocomial pneumonia, 2370

Lingula, resection of the right middle lobe and, in children for middle lobe/lingula syndrome, 38

Literature reviews: See also Reviews; locating and selecting appraisal studies for reviews, 798, 799

top ten list in idiopathic pulmonary fibrosis, 1885

top ten list in interstitial lung disease, 272

top ten list in pediatric lung disease, 1118

Lithium, clinical value of the ECG in noncardiac conditions, 1561
Liver, cystic fibrosis adult care: consensus conference report, Jan.
Supp., 18-398

Lobectomy, is major pulmonary resection by video-assisted thoracic surgery an adequate procedure in clinical stage I hing cancer? 1742

Lobes of the lung: See Lung

Long QT syndrome: See Electrocardiography

Long-term care, integrated health system for chronic disease management: lessons learned from France, 695

integrated system for chronic disease management: can we apply lessons learned from France? 365

Lung: See also Lung injury. Lung transplantation; Lung volume; Lung volume reduction surgery, helow: headings beginning with Pulmonary, eg. Pulmonary neoplasms; association between lower lobe location and upstaging for early-stage non-small cell lung cancer, 1424

density measurements in spontaneous pneumothorax demonstrate airtrapping, 2083

deposition, comparison of, in two types of nebulization: intrapulmonary percussive ventilation vs jet nebulization, 502

development, role of transforming growth factor β in lung disease and, 754

dynamic hyperinflation, effect of heliox breathing on, in COPD patients, 2075

effects of inhaled tiotropium bromide on mucociliary clearance in patients with COPD, 1726

exhaled nitric oxide in pathophysiologic states: the substance behind the gas, 11 hyperinflation; analysis of tidal breathing profiles in cystic fibrosis and COPD, 901

ischemia, normothermic, attenuation of reperfusion-induced systemic inflammation by preconditioning with nitric oxide in an in situ porcine model of, 2253

lung volume reduction surgery in canine model of predominantly upper lobe emphysema: advantages of new surgical system, 633

massive calcified mass in the, vol. 124:2010; erratum, vol. 125:1175 resection of the right middle lobe and lingula in children for middle lobe/lingula syndrome, 38

vagal pas de deux: heart-lung interplay in postexercise heart rate recovery, 1186

water, better characterization of acute lung injury/ARDS using, 1166, 1167

Lung biopsy: See Biopsy

Lung cancer: See Pulmonary neoplasms

Lung diffusing capacity: See Carbon monoxide

Lung diseases: See Pulmonary diseases

Lung function: See Pulmonary function

Lung injury, acute pulmonary injury in association with amiodarone, 1591

acute; "imitators" of the ARDS: implication for diagnosis and treatment, 1530

better characterization of acute lung injury/ARDS using lung water, 1166, 1167

effects of macrolides on inflammatory cells, Feb. Supp., 41S

environmental tobacco smoke may induce early lung damage in healthy male adolescents, 1387

matrix metalloproteinases activity in COPD associated with wood smoke, 466

polymorphism in the surfactant protein-B gene, gender, and the risk of direct pulmonary injury and ARDS, 203

respiratory findings in tobacco industry workers, 802

severity of, in ARDS, alveolar granulocyte colony-stimulating factor and α-chemokines in relation to serum levels, pulmonary neutrophilia and, 212

smoke/burn injury-induced respiratory failure elicits apoptosis in ovine lungs and cultured lung cells, ameliorated with arteriovenous CO₂ removal, 1472

Lung perfusion scan: See Scintigraphy

Lung surgery: See Lobectomy; Lung transplantation; Pneumonectomy; Surgery

Lung transplantation, balloon dilatation using flexible bronchoscopy for the management of benign and malignant airway stenoses, 354

clinical practice of, in North America, 1183

functional analysis in single-lung recipients: a comparative study of high-resolution CT, ³He-MRI, and pulmonary function tests, 173

ICU admission of the lung transplant recipient following hospital discharge, 813

outcome of patients admitted to the medical ICU, 1040

recipients, pulmonary nodules in: etiology and outcome, 165

reversal of nocturnal periodic breathing in primary pulmonary hypertension after, 344

sarcoidosis, race and short-term outcomes following, 990 survey of clinical practice of, in North America, 1224

Lung volume, clinical significance of elevated diffusing capacity, 446 environmental tobacco smoke may induce early lung damage in healthy male adolescents, 1387

Lung volume reduction, new and emerging minimally invasive techniques for, 777

Lung volume reduction surgery, effect of, on diaphragmatic neuromechanical coupling at 2 years, 2188

in canine model of predominantly upper lobe employsema: advantages of new surgical system, 633

lasers, staples, bovine pericardium, tale, glue and . . suction cylinders? tools of the trade to avoid air leaks in, 361

LVEF (left ventricular ejection fraction): See Ventricle, left

Lymph nodes: See also Lymphadenopathy; conventional vs endobronchial ultrasound-guided transbronchial needle aspiration: a randomized trial, 322 Lymphadenopathy, intrathoracic, diagnostic value of transbrouchial needle aspiration by Wang 22-gauge cytology needle in, 527

Lymphangiectasis, chyloptysis in adults: presentation, recognition, and differential diagnosis, 336

Lymphangioleionyomatosis, diffuse cystic lung diseases: correlation between radiologic and functional status, 135

pulmonary, transforming growth factor-β, and extracellular matrixassociated fibronectin expression in, 1063

Lymphocytes CDS*, perforin expression and cytotoxic activity of, in patients with COPD, 71

Lymphoma, pleural effusions in hematologic malignancies, 1546Lymphoproliferative disorder, pulmonary nodules in lung transplant recipients: etiology and outcome, 165

Mac-1 (adhesion molecule): See Cell adhesion molecules

Macrolides: See Antibiotics

Macrophages, alveolar: See Alveoli

Magnesium, clinical value of the ECG in noncardiac conditions, 1561 Magnesium sulfate, acute asthma in adults: a review, 1081

Magnetic resonance imaging, functional analysis in single-lung transplant recipients: a comparative study of high-resolution CT, He-MRI, and pulmonary function tests, 173

Malnutrition, anorexia protocolis, 1195

Mammary artery, internal, native matrix metalloproteinase characteristics may influence early stenosis of venous vs arterial coronary artery bypass grafting conduits, 1853

Mandibular advancement devices: See Equipment

Mannitol challenge, coughing-during, is associated with asthma, 1985

Manpower: See Health care personnel; Physicians

Mapping, three-dimensional electroanatomic: See Imaging techniques

Masks: See Equipment

Matriptase, malignant pleural mesothelioma: the puzzling role of gene-environment interaction, 1604

overexpression, gene expression profiling identifies, in malignant mesothelioma, 1843

Matrix metalloproteinases: See Metalloproteinases

Mechanical exsufflation: See Cough

Mechanical insufflation: See Cough

Mechanical ventilation: See Pneumonia, ventilator-associated: Respiration, artificial

Mediastinal lymphadenopathy: See Lymphadenopathy

Mediastinum, accuracy and cost-effectiveness of [18F]-2-fluoro-deoxy-D-glucose-positron emission tomography scan in potentially resectable non-small cell lung cancer, 1413

dysphagia after Heimlich maneuver, 302

Mediator antagonists: See Asthma

Medicaid, survey of recipients with asthma: perceptions of selfmanagement, access, and care, 1359

Medical devices: See Equipment

Medical societies, critical care professional societies address the critical care crisis in the United States, 1512

MEDLINE, locating and selecting appraisal studies for reviews, 798, 799

Melanoma, detection of melanoma antigen-A expression in sputum and bronchial layage fluid of patients with lung cancer, May Supp., 164S

Men, effect of age and end point on the prognostic value of the exercise test, 1920

gender differences in health-related quality of life in patients complaining of chronic cough, 482

geographic and gender variability in the prevalence of bronchial responsiveness in Canada, 1657

mandibular advancement devices in 630 men and women with obstructive sleep apnea and snoring: tolerability and predictors of treatment success, 1270

reference values for arterial blood gases in the elderly, 2053

vitamin E and beta-carotene supplementation and hospital-treated pneumonia incidence in male smokers, 557

Mental health, health-related quality of life of persons with sarcoidosis, 997

Mesothelioma, asbestos and the pleura: a review, 1103

malignant, gene expression profiling identifies matriptase overexpression in, 1843

malignant pleural: the puzzling role of gene-environment interaction, 1604

Meta-analysis, cardiovascular effects of β-agonists in patients with asthma and COPD: a meta-analysis, 2309

Metabolic alkalosis: See Alkalosis

Metalloproteinases, bronchial dilatation in asthma: relation to clinical and sputum indices, 1352

matrix, activity in COPD associated with wood smoke, 466

matrix; genetics of COPD, 1929

native matrix, characteristics may influence early stenosis of venous vs arterial coronary artery bypass grafting conduits, 1853

Metastatic neoplasms, effect of eigarette smoke exposure on pulmonary metastatic disease in a murine model of metastatic breast cancer, 1467

massive calcified mass in the lung, vol. 124:2010; erratum, vol.

pilot evaluation of micrometastases for the prediction of outcome in lung cancer, May Supp., 1568

potential role for activated leukocyte cell adhesion molecule and neural cadherin in metastasis to the lung microcirculation, May Supp., 150S

relationship between a history of antecedent cancer and the probability of malignancy for a solitary pulmonary nodule,

SDF-1/CXCL 12/CXCR4 biological axis in non-small cell lung

cancer metastases, May Supp., 1568 seeking a home for a PET, part 2: defining the appropriate place for positron emission tomography imaging in the staging of patients with suspected lung cancer, 2300

Methacholine challenge: See Bronchial provocation

Methicillin, hospital mortality for patients with bacteremia due to Staphylococcus aureus or Pseudomonas aeruginosa, 607

Methyleytosine, effects of budesonide on overall 5-methyleytosine levels and specific methylation and messenger BNA expression of the insulin-like growth factor II gene in mouse lung tumors, May Supp., 157S

Mexico, asthma: the epidemic has ended, or has it? 1969

matrix metalloproteinases activity in COPD associated with wood smoke, 466

trends of asthma in: an 11-year analysis in a nationwide institution, 1993

Mice, chemoprevention of lung cancer in transgenic mice, May Supp., 144S.

development of lung tumors in mutant p53-expressing mice after inhalation exposure to asbestos, May Supp., 85S

effect of cigarette smoke exposure on pulmonary metastatic disease in a murine model of metastatic breast cancer, 1467

effects of budesonide on overall 5-methyleytosine levels and specific methylation and messenger RNA expression of the insulin-like growth factor II gene in mouse lung tumors, May Supp., 1578

evidence that inflammation encourages pulmonary adenocareinoma formation in mice: clinical implications, May Supp., 1548

modulation of biomarkers during chemoprevention of mouse lung tumorigenesis by D-glucarate, May Supp., 149S

serum levels of surfactant protein D are increased in mice with lung tumors, May Supp., 109S

Sprouty 2 gene in mouse lung tumorigenesis, May Supp., 111S Microalbuminuria, altered exercise gas exchange as related to, in type 2 diabetic patients, 1292

Microsomal epoxide hydrolase: See Epoxide hydrolase

Middle lobe/lingula syndrome: See Lung

Milrinone, pulmonary responses to selective phosphodiesterase-5 and phosphodiesterase-3 inhibitors, 644

Mineral oil, an 85-year-old man with a lung mass, 1121

Minimally invasive techniques, new and emerging minimally invasive techniques for lung volume reduction, 777

video-assisted thoracoscopic surgery is a promising treatment for solitary fibrous tumor of the pleura, 1144

Minocycline, pleurodesis, effects of additional, after thoracoscopic procedures for primary spontaneous pneumothorax, 50

Minority groups: See African Americans: Alaska Natives; Ethnic groups; Hispanic Americans

Mitochondria: See Nicotinamide adenine dinucleotide-ubiquinone oxidoreductase

Mitral stenosis: See Heart valves

Mitral valvuloplasty, pereutaneous transluminal: See Heart valves

Mobilization, early, in pneumonia, 1959, 1960

Molecular biology, molecular classification of lung cancer: a crossplatform comparison of gene expression data sets, May Supp.,

molecular targets for cancer therapy and prevention, May Supp.,

p53: at the crossroads of molecular carcinogenesis and molecular epidemiology, May Supp., 838

use of standardized reverse transcription-polymerase chain reaction and the standardized expression measurement center in multiinstitutional trials to develop meaningful lung cancer classification based on molecular genetic criteria. May Supp.,

non-small cell lung cancer molecular profiles are associated with lung development, May Supp., 1158

Moli1901: See Peptides

Montelukast, long-term dosing effects of mediator antagonists in inhaled corticosteroid-treated atopic asthmatic patients, 1372

Morphine, nebulized: a convenient and safe alternative to dyspnea relief? 363

nebulized opioids use in COPD, 691

Mortality: See also Outcomes; Survival; acute asthma in adults: a review, 1081

audit of medical thoracoscopy and tale poudrage for pneumothorax prevention in advanced COPD, 1315

evtokines: the tomb markers of the ICU, 1980

effect of age and end point on the prognostic value of the exercise test, 1920

extended evaluation of recombinant human activated protein C United States trial: a single-arm, phase 3B, multicenter study of drotrecogin alfa (activated) in severe sepsis, 2206

hospital, for patients with bacteremia due to Staphylococcus aureus or Pseudomonas aeruginosa, 607

ICU admission of the lung transplant recipient following hospital discharge, 813

ICU, influence of overweight on: a prospective study, 1441

paradoxical effect of smoking in the Spanish population with acute myocardial infarction or unstable angina: results of the ARIAM register, 831

prediction of risk of death using 30-day outcome: a practical end point for quality auditing in intensive care, 1458

sarcoidosis, race and short-term outcomes following lung transplantation, 990

Moxifloxacin, no more equivalence trials for antibiotics in exacerbations of COPD, please, 811

short-term and long-term outcomes of, compared to standard antibiotic treatment in acute exacerbations of chronic bronchitis, 953

steady-state intrapulmonary concentrations of levofloxacin, and azithromycin and, in older adults, 965

Mucin production, effects of macrolides on inflammatory cells, Feb. Supp., 41S

Mucociliary clearance, effects of inhaled tiotropium bromide on lung mucociliary clearance in patients with COPD, 1726

Mucolytic agents, cystic fibrosis adult care: consensus conference report, Jan. Supp., 1S-39S

Mucus, immunomodulatory activity and effectiveness of macrolides in chronic airway disease, Feb. Supp., 70S

Multiple myeloma: See Myeloma, multiple

Muscle function, effects of whole-body exercise training on body composition and functional capacity in normal-weight patients with COPD, 2021

influence of immersion in water on, and breathing pattern in patients with severe diaphragm weakness, 2069

Muscle, smooth, tracheal: See Trachea

Muscles, endurance and strength training in patients with COPD, 2036

Muscles, respiratory: See Respiratory muscles

Muscles, skeletal: See Skeletal muscles

Muscular dystrophy, Ducheane, use of the mechanical in-exsufflator in pediatric patients with neuromuscular disease and impaired cough, 1406

Muscular dystrophy, oculopharyngeal, obstructive sleep apnea syndrome complicating, 334

Mycobacteria in pathogenesis of sarcoidosis, 354

Mycobacterial disease, tuberculosis: a modified quantiferon assay may help diagnose latent infection and hard-to-identify active disease, Oct. Supp., vol. 124:1158; clarification, vol. 125:356

Mycobacterium tuberculosis: See Tuberculosis Mycoses: See Blastomycosis; Fungal infections

Myelodysplastic syndromes, pleural effusions in hematologic malignancies, 1546

Myeloma, multiple, pleural effusions in hematologic malignancies, 1546

a 67-year-old woman with abnormal lung perfusion scan finding, 1941

Myeioperoxidase-mediated damage, hypothermia induces anti-inflammatory cytokines and inhibits nitric oxide and, in the hearts of endotoxemic rats, 1483

Myeloproliferative diseases, pleural effusions in hematologic malignancies, 1546

Myocardial infarction, acute, impact of systemic BP on coronary blood flow and infarct size during reperfusion therapy for: refinements beyond the "plumbing," 1179

acute, paradoxical effect of smoking in the Spanish population with unstable angina or: results of the ARIAM register, 831

acute, potential impact of primary percutaneous coronary intervention on ventricular septal rupture complicating, 1622 anterior, ICU admission for, with shortness of breath, 1577

common causes of troponin elevations in the absence of: incidence and clinical significance, 1877

first anterior, association between serum C-reactive protein elevation and left ventricular thrombus formation after, 384 measurement of ejection fraction after, in the population, 397

moderate systemic hypotension during reperfusion reduces the coronary blood flow and increases the size of, in pigs, 1492 prevalence and secular trends of excess body weight and impact on outcomes after, in the community, 1205

Myocardial ischemia, prognostic value of stress testing in patients over 75 years of age with chronic angina, 1124

Myocarditis, common causes of troponin elevations in the absence of acute myocardial infarction: incidence and clinical significance,

Myocyte necrosis, cardiac troponin T in obstructive sleep apnea, 2097

N-acetyleysteine: See Acetyleysteine

Napoleon Bonaparte, apnea and history, 1587, 1588

Nasal administration: See Nose

Nasal continuous positive airway pressure: See Positive airway pressure, continuous, nasal

Nasopharyngoscopy, evaluating noisy breathing in children: how far down the airway should one look? 1184

nse of, in the evaluation of children with noisy breathing, 1265 National Health and Nutrition Examination Survey, 1685

Natriuretic peptide, brain, in the management of heart failure: the versatile neurohormone, 652

a 44-year-old man with suspected exacerbation of COPD and atrial fibrillation, 2340

pulmonary manifestations of left heart failure, 669

Nebulization, jet: See Aerosols

Nebulizers, asthma treatment preference study: a conjoint analysis of preferred drug treatments, 916

Neck collar: See Equipment

Needle aspiration biopsy: See Biopsy

Negative expiratory pressure, extrathoracic expiratory flow limitation in obesity and obstructive and restrictive disorders: effects of increasing, 98

Negative pressure ventilation, treatment of acute exacerbations of chronic respiratory failure: integrated use of noninvasive positive pressure ventilation and, 2217 Neoplasm metastasis: See Metastatic neoplasms

Neoplasm recurrence, is major pulmonary resection by video-assisted thoracic surgery an adequate procedure in clinical stage I lung cancer? 1742

Neoplasm staging, association between lower lobe location and upstaging for early-stage non-small cell lung cancer, 1424

seeking a home for a PET, part 2: defining the appropriate place for positron emission tomography imaging in the staging of patients with suspected lung cancer, 2300

use of standardized reverse transcription-polymerase chain reaction and the standardized expression measurement center in multiinstitutional trials to develop meaningful lung cancer classification based on molecular genetic criteria, May Supp.,

utility of ^{96m}Te depreotide compared with F-18 fluorodeoxyglucose positron emission tomography and surgical staging in patients with suspected non-small cell lung cancer, 494

Neoplasms: See also names of specific types of cancer, eg. Carcinoma; and specific parts of the body, eg. Breast neoplasms; Pulmonary neoplasms; clinical implications of appearance of pleural fluid at thoracentesis, 156

Nesiritide, brain natriuretic peptide in the management of heart failure: the versatile neurohormone, 652

Neuroendocrine neoplasms, diffuse idiopathic pulmonary neuroendocrine cell hyperplasia as a precursor to pulmonary neuroendocrine tumors. May Supp., 108S

thymic, PET scanning in the management of, 2368

Neuroleptic malignant syndrome, diagnosing, 1960, 1961 Neurological complications: See Postoperative complications

Neurological disorders, prediction of risk of death using 30-day outcome; a practical end point for quality auditing in intensive care, 1458

Neuromechanical coupling, diaphragmatic: See Diaphragm

Neuromuscular blocking agents, acute asthma in adults: a review, 1081

Neuromuscular diseases, efficacy of mechanical insufflation-exsufflation in medically stable patients with amyotrophic lateral selerosis, 1400

use of the mechanical in-exsufflator in pediatric patients with impaired cough and, 1406

Neutrophilia, pulmonary, alveolar granulocyte colony-stimulating factor and α-chemokines in relation to serum levels, severity of lung injury in ARDS and, 212

Neutrophils, activation of bronchial epithelial cells in smokers without airway obstruction and patients with COPD, 1706

chemoattractant, Z α_1 -antitrypsin polymerizes in the lung and acts, $1952\,$

circulating, expression of adhesion molecules during apoptosis of, in COPD, 1837

effects of macrolides on inflammatory cells, Feb. Supp., 41S

hypothermia induces anti-inflammatory cytokines and inhibits nitric oxide and myeloperoxidase-mediated damage in the hearts of endotoxemic rats, 1483

markers of inflammation in exhaled breath condensate of young healthy smokers, 22

New York City: See World Trade Center

NHANES: See National Health and Nutrition Examination Survey Nicotine: See Smoking

Nicotinamide adenine dinucleotide-ubiquinone oxidoreductase, differential-display polymerase chain reaction identifies [it] as an ischemia/reperfusion-regulated gene in cardiomyocytes, 228

Nitric oxide, alveolar, increase in, in the presence of symptoms in childhood asthma, 1012

attenuation of reperfusion-induced systemic inflammation by preconditioning with, in an *in situ* porcine model of normothermic lung ischemia, 2253

effects of macrolides on inflammatory cells, Feb. Supp., 418 exhaled, in pathophysiologic states: the substance behind the gas, 11

hemodynamic response to sildenafil, iloprost and, in primary pulmonary hypertension, 580

hypothermia induces anti-inflammatory cytokines and inhibits, and myeloperoxidase-mediated damage in the hearts of endotoxemic rats, 1483 increased exhaled, following autologous peripheral hematopoietic stem-cell transplantation: a potential marker of idiopathic pneumonia syndrome, 281

prolonged inhalation fails to regress hypoxic vascular remodeling in

rat lung, 2247

relationship between single-breath diffusion capacity of the lung for, and carbon monoxide during various exercise intensities, 1019

synthase, exhaled nitric oxide in pathophysiologic states: the substance behind the gas, 11

uncontrolled hypertension, uncompensated type II diabetes, and smoking have different patterns of vascular dysfunction, 823 Nitric oxide synthase, exhaled nitric oxide in pathophysiologic states:

the substance behind the gas, 11

Nitrite, markers of inflammation in exhaled breath condensate of young healthy smokers, 22

Nitroglycerin, impact of systemic BP on coronary blood flow and infarct size during reperfusion therapy for acute myocardial infarction; refinements beyond the "plumbing," 1179

Nitrous oxide, premixed, efficacy of, and oxygen for fiberoptic bronchoscopy in pediatric patients: a randomized, double-blind, controlled study, 315

proper balance, 13

Nomenclature, term ambiguity, 797

Norepinephrine medium-dose, or low-dose dopamine: increasing renal blood flow, 2260

North America: See Canada; Mexico; United States

Norway, variations in pediatric asthma hospitalization rates and costs between and within Nordic countries, 1680

Nose, a phase I trial of intranasal moli1901 for cystic fibrosis, 143 Nosocomial infections: See Cross-infections; Pneumonia, nosocomial; Pneumonia, ventilator-associated

Novadaq SPY: intraoperative quality assessment in off-pump coronary artery bypass grafting, 418

Nuclear fuel workers: See Occupational exposure

Nurses, educational intervention to reduce ventilator-associated pneumonia in an integrated health system: a comparison of effects, 2224

Nursing homes: See Long-term care

Nutrition, anorexia protocolis, 1195

evidence-based management protocol, outcomes in critically ill patients before and after the implementation of, 1446

increased urinary 8-isoprostaglandin F₂α is associated with lower plasma selenium levels and lower vegetable and fruit intake in an asbestos-exposed cohort at risk for lung cancer, May Supp., 838

potassium supplementation, diet vs pills: a randomized trial in postoperative cardiac surgery patients, 404

Obesity: See also Body mass index; asthma and: a real connection or a casual association? 1972.

clinical significance of elevated diffusing capacity, 446

effect of weight reduction on respiratory function and airway reactivity in obese women, 2046

extrathoracic expiratory flow limitation in obstructive and restrictive disorders and: effects of increasing negative expiratory pressure, 98

-hypoventilation syndrome, the name game continues, 352

influence of overweight on ICU mortality: a prospective study, 1441

prevalence and secular trends of excess body weight and impact on outcomes after myocardial infarction in the community, 1205

Obesity-hypoventilation syndrome, the name game continues, 352

Observational studies, evaluating combination therapy in communityacquired pneumonia, 353

Obstructive sleep apnea syndromes: See Sleep apnea syndromes obstructive

Occupational and environmental lung disease (feature): See also Environmental exposure; Occupational exposure; changing patterns in asbestos-induced lung disease, 744 decreased respiratory symptoms after intervention in artificially ventilated offices in São Paulo, Brazil 326

effect of ozone exposure on airway responses to inhaled allergen in asthmatic subjects, 2328

lung function among workers in the soft tissue paper-producing industry, 731

pneumoconiosis in rush mat workers exposed to clay dye "sendo" dust: clinical, radiologic, and histopathologic features in seven patients, 737

work-related asthma-like symptoms among florists, 2336

Occupational exposure: See also Environmental exposure; Occupational and environmental lung disease (feature); asbestos and the pleura: a review, 1103

lung cancer screening using low-dose high-resolution CT scanning in a high-risk workforce: 3,500 nuclear fuel workers in three US states, May Supp., 1528

outcome of coal worker's pneumoconiosis with acute respiratory failure, 1052

respiratory findings in tobacco industry workers, 802

respiratory symptoms and physiologic assessment of ironworkers at the World Trade Center disaster site, 1248

symptoms, respirator use, and pulmonary function changes among New York City firefighters responding to the World Trade Center disaster, 1256

why did the barber acquire asbestosis? 1594

Oculopharyngeal muscular dystrophy: See Muscular dystrophy

Omalizumab, predicting response to omalizumab, an anti-IgE antibody, in patients with allergic asthma, 1378

Oncogenes, growth-related oncogene alpha, 1706

Online literature searches: See Internet

OPCAB: See Coronary artery bypass graft

Opinions/hypotheses, can exogenously administered hyaluronan improve respiratory function in patients with pulmonary emphysema? 288

empiric therapy of community-acquired pneumonia; guidelines for the perplexed? 1913

"imitators" of the ARDS: implication for diagnosis and treatment, 1530

making an impossible mission possible, 293

managing the small pulmonary nodule discovered by CT, 1522

nebulized opioids use in COPD, 691

respiratory sinus arrhythmia: why does the heartbeat synchronize with respiratory rhythm? 683

Opioids, nebulized morphine: a convenient and safe alternative to dyspnea relief? 363

nebulized use in COPD, 691

Oral appliances: See Equipment

Orexin-A, plasma levels in obstructive sleep apnea-hypopnea syndrome, 1963

OSAS: See Sleep apnea syndromes, obstructive

Oscillation, forced: See Forced oscillation

Osteoporosis, glucocorticoid-induced, recognizing and treating, in patients with pulmonary diseases, 1859

survey of clinical practice of lung transplantation in North America, 1224

Outcomes: See also Mortality: Survival; comparison of conservative and aggressive smoking cessation treatment strategies following coronary artery bypass graft surgery, 435

costs and, associated with low-molecular-weight heparin vs unfractionated heparin for perioperative bridging in patients receiving long-term oral anticoagulant therapy, 1642

effect of age and end point on the prognostic value of the exercise test, 1920

hospital and long-term, after tracheostomy for respiratory failure, $\underline{220}$

in critically ill patients before and after the implementation of an evidence-based nutritional management protocol, 1446

intensive care in patients with HIV infection in the era of highly active antiretroviral therapy, 1800

Legionella pneumonia: the spectrum continues to expand, 1979 long-term beneficial effect of coronary artery bypass grafting in patients with COPD, 56 mandibular advancement titration for obstructive sleep apnea: optimization of the procedure by combining clinical and oximetric parameters, 1761

of lung transplant patients admitted to the medical ICU, 1040 prevalence and, of caregiving after prolonged (≥ 48 hours) mechanical ventilation in the ICU, 597

prevalence and secular trends of excess body weight and impact on, after myocardial infarction in the community, 1205

randomized controlled trial of an antibiotic discontinuation policy for clinically suspected ventilator-associated pneumonia, 1791

short-term and long-term, of moxifloxacin compared to standard antihiotic treatment in acute exacerbations of chronic bronchitis, 953

short-term, sarcoidosis, race and, following lung transplantation, 990

vitamin E and beta-carotene supplementation and hospital-treated pneumonia incidence in male smokers, 557

Outpatient care: See Emergency care

Overweight patients: See Body mass index; Obesity; Weight

Oxidants, buccal-lung comparison of quantitative expression of carcinogen and oxidant metabolism genes in human subjects, May Supp., 1078

Oxidative stress, airway antioxidants and oxidative stress as predictors of sputum atypia and airflow obstruction, May Supp., 127S S-isoprostane, a marker of, is increased in the expired breath

condensate of patients with pulmonary sarcoidosis, 1005 Oxidoreductase: See Nicotinamide adenine dinucleotide-ubiquinone oxidoreductase

Oximetry, mandibular advancement titration for obstructive sleep apnea: optimization of the procedure by combining clinical parameters and, 1761

pulmonary function and sputum production in patients with cystic fibrosis: a pilot study comparing the PercussiveTech HF device and standard chest physiotherapy, 1507

Oxitropium bromide, inhaled, increased responses to, in asthmatic patients with active hepatitis C virus infection, 1368

Oxygen: See also Heliox; acute asthma in adults: a review, 1081 cystic fibrosis adult care: consensus conference report, Jan. Supp., 18-398

delivery masks, open vs closed, dispersal of respiratory droplets with: implications for the transmission of severe acute respiratory syndrome, 1155

desaturation, normal polysomnographic respiratory values in children and adolescents, 872

efficacy of premixed nitrous oxide and, for fiberoptic bronchoscopy in pediatric patients: a randomized, double-blind, controlled study, 315

exercise performance and skeletal muscles in patients with advanced Chagas disease, 1306

a 44-year-old Jehovah's Witness with life-threatening anemia from uterine bleeding, 1151

reference values for arterial blood gases in the elderly, 2053

sleep, breathing, heart and, 1596

therapy, survival of patients with bronchiectasis after the first ICU stay for respiratory failure, 1815

uptake, exercise for fun and profit: joint statement on exercise by the American Thoracic Society and the American College of Chest Physicians, 1

Oxygen-helium: See Heliox

Oxygenation, cerebral, during exercise in cardiac patients, 182

hemodynamic response to sildenafil, nitric oxide, and iloprost in primary pulmonary hypertension, 580

new index (Pao₂/[Fto₂ X mean airway pressure]) for reflecting intrapulmonary shunting in patients undergoing open-heart surgery, 592

Ozone, effect of exposure on airway responses to inhaled allergen in asthmatic subjects, 2328

P-selectin: See Selectins

p21, ligands of peroxisome proliferator-activated receptor γ inhibit lung cancer cell growth and induce apoptosis by stimulation of P21 expression, May Supp., 134S

p53, at the crossroads of molecular carcinogenesis and molecular epidemiology, May Supp., 83S

development of lung tumors in mutant p53-expressing mice after inhalation exposure to asbestos, May Supp., 85S

p63, role of p63 amplification and overexpression in lung cancer development, May Supp., 102S

Pacemakers, chronotropic incompetence in a young adult, case report and literature review, 297

Pacing wire, abnormal ECG in man admitted to ICU with chest pain and irregular pulse, 775

Pain: See also Chest pain; efficacy of premixed nitrous oxide and oxygen for fiberoptic bronchoscopy in pediatric patients: a randomized, double-blind, controlled study, 315

perception, spinal prostaglandin formation and, following thoracotomy: a role for cyclooxygenase-2, 1321

proper balance, 13

Palate, cleft: See Velopharyngeal incompetence

Panbronchiolitis: See Bronchiolitis

Pancreas, cystic fibrosis adult care: consensus conference report, Jan. Supp., 1S-39S

Paraffinoma, an 85-year-old man with a lung mass, 1121

Paralysis, hemidiaphragmatic: See Diaphragmatic paralysis Parapneumonic pleural effusions: See Pleural effusions

Parathyroid hormone, role of parathyroid hormone-related protein in lung cancer cell survival, May Supp., 150S

Parenteral nutrition, anorexia protocolis, 1195

Parents: See Family

Parietal pleural biopsy: See Biopsy

Partial oxygen pressure, alveolar: See Oxygenation

Pathways, clinical: See Guidelines

Patient-focused care: the 2003 American College of Chest Physicians convocation speech, 1910

Patient safety, a new safe and stable spiral wire needle for thoracoscopic resection of lung nodules, 2289

efficacy and, of ketamine sedation for infant flexible fiberoptic bronchoscopy, 1132

percutaneous multiple-site parietal pleural biopsy: description and evaluation of a new and safe technique, 1776

to B or not to B? it still is the question, 5

ultrasound-guided thoracentesis in patients receiving mechanical ventilation, 1059

Patients: See also Quality of life; asthma treatment preference study: a conjoint analysis of preferred drug treatments, 916

can a standardized acupuncture technique palliate disabling breathlessness: a single-blind, placebo-controlled crossover study, 1783

cystic fibrosis adult care: consensus conference report, Jan. Supp., 1S-39S

health-related quality of life of persons with sarcoidosis, 997

subjective evaluation; mandibular advancement titration for obstructive sleep apnea: optimization of the procedure by combining clinical and oximetric parameters, 1761

survey of Medicaid recipients with asthma: perceptions of selfmanagement, access, and care, 1359

Peak expiratory flow, analysis of tidal breathing profiles in cystic fibrosis and COPD, 901

Pearls: See Pulmonary and critical care pearls

Pediatrics: See Children

Peptides: See also Natriuretic peptide; a phase I trial of intranasal moli1901 for cystic fibrosis, 143

Percussive Tech HF device: See Equipment

Percussive ventilation, intrapulmonary: See Aerosols

Percutaneous coronary intervention, timing of peak troponin T and creatine kinase-MB elevations after, 275

Percutaneous dilatational tracheostomy: See Tracheostomy

Percutaneous multiple-site parietal pleural biopsy: See Biopsy Percutaneous transluminal mitral valvuloplasty: See Heart valves

Percutaneous transluminal mitral valvuloplasty: See Heart valves Perforin expression and cytotoxic activity of sputum CD8⁺ lympho-

cytes in patients with COPD, 71
Perfusion, defects, ECG score predicts those with the greatest percentage of, due to acute pulmonary thromboembolic disease.

neurological complications after coronary artery bypass grafting related to the performance of cardiopulmonary bypass, 2196 Pericardial effusions, postoperative, evolution of, after day 15: the problem of the late tamponade, 2182

prognostic factors in the surgical management of, in the patient with concurrent malignancy, 1328

Pericarditis, common causes of troponin elevations in the absence of acute myocardial infarction: incidence and clinical significance, 1877

Peripheral muscle strength training in patients with COPD, 1589, 1590

Peroxisome, ligands of peroxisome proliferator-activated receptor γ inhibit lung cancer cell growth and induce apoptosis by stimulation of P21 expression, May Supp., 134S

Peru, hypokalemia among patients receiving treatment for multidrugresistant tuberculosis, 974

PET: See Tomography, positron emission

Petty, Thomas L., Aspen Lung Conference, May Supp., 798-1728 (for detailed listing of presentations, see entry at Pulmonary neoplasms)

ph. breath condensate, in children with CF and asthma: a new non-invasive marker of airway inflammation? 2005

acidification of distal esophagus and sleep-related breathing disturbances, 2101

metabolic alkalosis and cystic fibrosis, 1169

Phagoeytic function, alveolar: See Alveoli

Pharyngoplasty, sphincter, as a treatment of velopharyngeal incompetence in young people: a prospective evaluation of effects on sleep structure and sleep respiratory disturbance, 864

Pharynx, obstructive sleep apnea syndrome complicating oculopharyngeal muscular dystrophy, 334

Phospho-Akt overexpression in non-small cell lung cancer confers significant stage-independent survival disadvantage, May Supp., 1528

Phosphodiesterases, pulmonary responses to selective phosphodiesterase-5 and phosphodiesterase-3 inhibitors, 644

Physicians, concussive clinical coincidence, 1593

critical care crisis in the United States: a report from the profession, 1514

critical care medicine crisis: a call for federal action; white paper from the critical care professional societies, 1518

critical care professional societies address the critical care crisis in the United States, 1512

education and experience improved the performance of transbronchial needle aspiration: a learning curve at a cancer center, 532

effect of a computerized reminder system on the prevention of postoperative venous thromboembolism, 1635

health-related quality of life of persons with sarcoidosis, 997 hing cancer screening: response to Jerome Reich, MD, 350

patient-focused care: the 2003 American College of Chest Physicians convocation speech, 1910

SARS, pneumothorax, and our response to epidemics, 1982 Physiotherapy, standard chest, pulmonary function and sputum production in patients with cystic fibrosis: a pilot study comparing the PercussiveTech HF device and, 1507

Pigs: See Swine

Pilus formation, Feb. Supp., 658

PiZ protein, α₁-antitrypsin deficiency: more than a protease imbalance? 1605

Plasma levels: See Blood

Plasminogen activator inhibitor, effect of repeated thoracenteses on fibrinolytic activity in malignant pleural effusion, 1965, 1966

Platelets, activation, effects of nasal continuous positive airway pressure on, in obstructive sleep apnea syndrome, 1768

mechanism of reducing activity by percutaneous transluminal mitral valvuloplasty in patients with rheumatic mitral stenosis, 1629

Pleura, ashestos and: a review, 1103

diagnosing pleural tuberculosis, 2366

evaluation of disease with 18-fluorodeoxyglucose positron emission tomography imaging, 489

preoperative pulmonary consultation at a university hospital, 1966, 1967

Pleural biopsy: See Biopsy

Pleural effusions, asbestos and the pleura: a review, 1103

complicated parapueumonia, treatment of, with intrapleural streptokinase in children, 566

evaluation of pleural disease with 18-fluorodeoxyglucose positron emission tomography imaging, 489

in hematologic malignancies, 1546

malignant, effect of repeated thoracenteses on fibrinolytic activity in, 1965, 1966

percutaneous multiple-site parietal pleural biopsy: description and evaluation of a new and safe technique, 1776

safety of ultrasound-guided thoracentesis in patients receiving mechanical ventilation, 1059

tumor necrosis factor-α in pleural fluid: a marker of complicated parapneumonic effusions, 160

Pleural fluid, clinical implications of appearance of, at thoracentesis, 156

tumor necrosis factor-α in: a marker of complicated parapneumonic effusions, 160

Pleural neoplasms, gene expression profiling identifies matriptase overexpression in malignant mesothelioma, 1843

malignant mesothelioma: the puzzling role of gene-environment interaction, 1604

video-assisted thoracoscopic surgery is a promising treatment for solitary fibrous tumor of the pleura, 1144

Pleuritis, percutaneous multiple-site parietal pleural biopsy: description and evaluation of a new and safe technique, 1776

tuberculous, comparison of six biological markers for the diagnosis of, 987

Pleurodesis, experimental, acute phase of, tale and silver nitrate induce systemic inflammatory effects during, in rabbits, 2268

minocycline, effects of additional, after thoracoscopic procedures for primary spontaneous pneumothorax, 50

pneumothorax in pulmonary Langerhans cell histocytosis, 1028 talc, FDG-PET and computed tomography after, 2356

Pneumoconiosis, coal worker's, outcome of, with acute respiratory failure, 1052

in rush mat workers exposed to clay dye "sendo" dust: clinical, radiologic, and histopathologic features in seven patients, 737

Pneumocystis carinii pneumonia: See Pneumonia, Pneumocystis carinii

Pneumocytes, identification of spontaneous feline idiopathic pulmonary fibrosis: morphology and ultrastructural evidence for a type II pneumocyte defect, 2278

Pneumonectomy, actual and predicted postoperative changes in lung function after pneumonectomy: a retrospective analysis, 1735

Pneumonia: See also Bronchiolitis obliterans organizing pneumonia; aspiration, diffuse aspiration bronchiolitis due to achalasia, 349, 350

aspiration, novel diagnostic test for the risk of, in the elderly, 801 C-reactive protein in: let me try again, 1192

community-acquired, contribution of C-reactive protein to the diagnosis and assessment of severity of, 1335

community-acquired; early mobilization in, 1959, 1960

community-acquired, empiric therapy of: guidelines for the perplexed? 1913

community-acquired, evaluating combination therapy in, 353 community-acquired, guidelines for empiric antimicrobial pre-

scribing in, 1888 community-acquired; levofloxacin efficacy in the treatment of

community-acquired legionellosis, 2135 community-acquired, treatment costs of, in an employed population, 2140

community-acquired, viral, in nonimmunocompromised adults, 1343

diagnosis of, in renal transplant recipients using invasive and noninvasive procedures, 541

eosinophilic, acute; "imitators" of the ARDS: implication for diagnosis and treatment, 1530

exogenous lipoid; an 85-year-old man with a lung mass, 1121 hospital-treated, incidence in male smokers, vitamin E and betacarotene supplementation and, 557

idiopathic interstitial, and the concept of the trump card, 359

idiopathic interstitial, prognostic implications of histologic patterns in multiple surgical lung biopsies from patients with, 522

idiopathic syndrome; exhaled nitric oxide in pathophysiologic states; the substance behind the gas, 11

idiopathic syndrome, increased exhaled nitric oxide following autologous peripheral hematopoietic stem-cell transplantation: a potential marker of, 281

increased arteriovenous carboxylemoglobin differences in patients with inflanmatory pulmonary diseases, 2160

interstitial, acute; "imitators" of the ARDS; implication for diagnosis and treatment, 1530

Legionella: the spectrum continues to expand, 1979

nonresolving, a 19-year-old man with, 330

nosocomial, epidemiology of, in infants after cardiac surgery, 410 nosocomial, linezolid and vancomycin in, 2370

Pneumocystis carinii; 548

Pneumocystis; intensive care in patients with HIV infection in the era of highly active antiretroviral therapy, 1800

round, frequent error in etiology of, 1592 top ten list in interstitial lung disease, 272

US hospital care for patients with HIV infection and: the role of public, private, and Veterans Affairs hospitals in the early highly active antiretroviral therapy era, 548

ventilator-associated, clinically suspected, randomized controlled trial of an antibiotic discontinuation policy for, 1791

ventilator-associated, educational intervention to reduce, in an integrated health system: a comparison of effects, 2224

ventilator-associated, from "pro and con" debate to evidence-based practice, 1600

Pneumonitis, hypersensitivity; bird-years as well as pack-years, 353 hypersensitivity; "imitators" of the ARDS; implication for diagnosis and treatment, 1530

hypersensitivity, increased surfactant protein-A levels in patients with newly diagnosed idiopathic pulmonary fibrosis, 617

radiation, serum levels of KL-6 for predicting the occurrence of, after stereotactic radiotherapy for lung tumors, 340

top ten list in interstitial lung disease, 272

Pneumothorax, emphysema and, after percutaneous tracheostomy: case reports and an anatomic study, 1805

in pulmonary Langerhans cell histiocytosis, 1028

primary spontaneous, effects of additional minocycline pleurodesis after thoracoscopic procedures for, 50

SARS and, and our response to epidemies, 1982

spontaneous; audit of medical thoracoscopy and tale poudrage for pneumothorax prevention in advanced COPD, 1315

spontaneous; Kapalabhati pranayama—breath of fire or cause of pneumothorax: a case report, 1951

spontaneous, lung density measurements in, demonstrate airtrapping, 2083

spontaneous, secondary, management of: there's confusion in the air, 1190

spontaneous, severe acute respiratory syndrome (SARS) complicated by, 2345

Poisons, clinical value of the ECG in noncardiac conditions, 1561

Polymerase chain reaction, differential-display, identifies nicotinamide adenine dinucleotide-ubiquinone oxidoreductase as an ischemia/reperfusion-regulated gene in cardiomyocytes, 228

for Mycobacterium tuberculosis: impact on clinical management of refugees with pulmonary infiltrates, 981

improvement and application of fluorescence inter-simple sequence repeat polymerase chain reaction for the study of subclonal growths in lung epithelial cell populations, May Supp., 110S

use of standardized reverse transcription-polymerase chain reaction and the standardized expression measurement center in multiinstitutional trials to develop meaningful lung cancer classification based on molecular genetic criteria, May Supp., 1555

Polymorphisms, genetic: See Genetics

Polysomnography, normal respiratory values in children and adolescents, 872 standard, evaluation of the accuracy of SNAP technology sleep sonography in detecting obstructive sleep apnea in adults compared to, 886

Portable monitoring for diagnosing obstructive sleep apnea: not yet ready for primetime, 809

Positive airway pressure, continuous, nasal, effects of, on platelet activation in obstructive sleep apnea syndrome, 1768

corrected QT dispersion and cardiac sympathetic function in patients with obstructive sleep apnea-hypopnea syndrome, 2107

increased plasma interleukin-6 is associated with the pathogenesis of obstructive sleep apnea syndrome, 1964, 1965

lack of efficacy for a cervicomandibular support collar in the management of obstructive sleep apnea, 118

Positive end-expiratory pressure, tracheostomy tube enabling speech during mechanical ventilation, 1046

Positive pressure ventilation, noninvasive; acute asthma in adults: a review, 1081

treatment of acute exacerbations of chronic respiratory failure: integrated use of negative pressure ventilation and, 2217

Positron emission tomography: See Tomography, positron emission Postoperative care, actual and predicted postoperative changes in lung function after pneumonectomy: a retrospective analysis, 1798

costs and clinical outcomes associated with low-molecular-weight heparin vs unfractionated heparin for perioperative bridging in patients receiving long-term oral anticoagulant therapy, 1642

evolution of the postoperative pericardial effusion after day 15: the problem of the late tamponade, 2182

Postoperative complications, deep vein thrombosis among patients entering cardiac rehabilitation after coronary artery bypass surgery, 191

diagnosis of pneumonia in renal transplant recipients using invasive and noninvasive procedures, 541

effect of a computerized reminder system on the prevention of postoperative venous thromboembolism, 1635

effect of three wound dressings on infection, healing comfort, and cost in patients with sternotomy wounds: a randomized trial, 43

emphysema and pneumothorax after percutaneous tracheostomy: case reports and an anatomic study, 1805

epidemiology of nosocomial pneumonia in infants after cardiac surgery, 410

ICU admission of the lung transplant recipient following hospital discharge, 813

lasers, staples, bovine pericardium, tale, glue and...suction cylinders? tools of the trade to avoid air leaks in lung volume reduction surgery, 361

lung volume reduction surgery in canine model of predominantly upper lobe emphysema: advantages of new surgical system, 633

neurological, after coronary artery bypass grafting related to the performance of cardiopulmonary bypass, 2196

outcome of lung transplant patients admitted to the medical ICU, 1040

prospective analysis of clinical characteristics and risk factors of postbronchoscopy fever, 945

pulmonary infiltrates in the non-HIV-infected immunocompromised patient: etiologies, diagnostic strategies, and outcomes, 260

pulmonary nodules in lung transplant recipients: etiology and outcome, 165

Posture, anatomic evaluation of postural bronchial drainage of the lung with special reference to patients with tracheal intubation: which combination of postures provides the best simplification? 935

enhanced alveolar clearance with chest percussion therapy and positional changes during whole lung lavage for alveolar proteinosis, 2351

lack of efficacy for a cervicomandibular support collar in the management of obstructive sleep apnea, 118

Potassium, clinical value of the ECG in noncardiae conditions, 1561

hypokalemia among patients receiving treatment for multidrugresistant tuberculosis, 974

supplementation, diet vs pills: a randomized trial in postoperative cardiac surgery patients, 404

Poudrage, tale: See Tale

Practice guidelines: See Guidelines

Pranayama: See Yoga

Pranlukast, administration, effects of, on vascular endothelial growth factor levels in asthmatic patients, 1700

Prednisolone, top ten list in idiopathic pulmonary fibrosis, 1885

Pregnancy, cystic fibrosis adult care: consensus conference report, Jan. Supp., 18-398

Preliminary reports, a new safe and stable spiral wire needle for thoracoscopic resection of lung nodules, 2289

increased exhaled nitrie oxide following autologous peripheral hematopoietie stem-cell transplantation: a potential marker of idiopathic pneumonia syndrome, 281

pulmonary function and sputum production in patients with cystic fibrosis: a pilot study comparing the PercussiveTech HF device and standard chest physiotherapy, 1507

timing of peak troponin T and creatine kinase-MB elevations after percutaneous coronary intervention, 275

Preoperative care, pulmonary consultation at a university hospital, 1966, 1967.

Pressure-controlled ventilation: See Respiration, artificial

Primary percutaneous coronary intervention: See Coronary angioplasty

Prone position: See Posture

Propalenone, long-term maintenance of normal sinus rhythm in patients with current symptomatic atrial fibrillation: amiodarone vs. both in low doses, 377

Prostacyclin, in human non-small cell lung cancers, May Supp., 141S inhaled, successful aeromedical transport using, for a patient with life-threatening hypoxemia, 1579

Prostaglandin, spinal, formation and pain perception following thoracotomy: a role for cyclooxygenase-2, 1321

Protease imbalance, α₁-antitrypsin deficiency: more than? 1605

Protease inhibitors, genetics of COPD, 1929

Z α₁-antitrypsin polymerizes in the lung and acts as a neutrophil chemoattractant, 1952

Protein C, extended evaluation of recombinant human activated. United States trial: a single-arm, phase 3B, multicenter study of drotrecogin alfa (activated) in severe sepsis, 2206

Protein C Worldwide Evaluation in Severe Sepsis (PROWESS), 2206Protein kinase, role of protein kinase B-dependent signaling in lung tumorigenesis, May Supp., 1418

Proteinosis, alveolar, enhanced alveolar clearance with chest percussion therapy and positional changes during whole lung lavage for, 2351

Proteins, markers of inflammation in exhaled breath condensate of young healthy smokers, 22

unfolded: α₁-antitrypsin deficiency: more than a protease imbalance? 1605

Prothrombotic state, further insights into, in mitral stenosis and atrial flutter, 2361, 2362, 2363

Protocols: See Guidelines

PROWESS (Protein C Worldwide Evaluation in Severe Sepsis), 2206Pseudomonas aeruginosa, effects of subinhibitory concentrations of macrolide antibiotics on, Feb. Supp., 628

hospital mortality for patients with bacteremia due to Staphylococcus aureus or, 607

Public health, asbestos and the pleura: a review, 1103

asthma: the epidemic has ended, or has it? 1969 obstructive lung disease among the urban homeless, 1719

SARS, pneumothorax, and our response to epidemics, 1982 school-based case identification process for identifying inner city

children with asthma: the Breathmobile program, 924 Publishing, exercise for fun and profit; joint statement on exercise by the American Thoracic Society and the American College of Chest Physicians, 1

Puerto Ricans, ethnicity and skin test reactivity to aeroallergens among asthmatic children in Connecticut, 85

Pulmonary and critical care pearls, a 52-year-old man with pulmonary edema following large-volume transfusion, 1556 a 44-year-old Jehovali's Witness with life-threatening anemia from uterine bleeding, 1151

a 44-year-old man with suspected exacerbation of COPD and atrial fibrillation, 2340

hemoptysis in a 38-year-old woman receiving an oral contraceptive, 1944

a 19-year-old man with nonresolving pneumonia, 330 musual cause of dyspnea in a 77-year-old man, 770

Pulmonary artery, feasibility of routine impedance measurements in pulmonary hypertension, 2121

pressures, increased circulating endothelin-1 in rheumatic mitral stenosis; irrelevance to left atrial pressures and, 390

Pulmonary blastomycosis: See Blastomycosis

Pulmonary capillary wedge pressure, clinical and exercise test determinants of survival after cardiac transplantation, vol. 124:2000; clarification, vol. 125:1175

Pulmonary circulation: See also Hemodynamics; Hypertension, pulmonary; Pulmonary artery; Pulmonary vascular resistance; Pulmonary vascular system; effects of epoprostenol on right ventricular hypertrophy and dilatation in pulmonary hypertension, 572

hemodynamic response to sildenafil, nitric oxide, and iloprost in primary pulmonary hypertension, 580

potential role for activated leukocyte cell adhesion molecule and neural cadherin in metastasis to the lung microcirculation, May Supp., 150S

pulmonary manifestations of left heart failure, 669

Pulmonary complications: See also Postoperative complications: pulmonary infiltrates in the non-HIV-infected immunocompromised patient: etiologies, diagnostic strategies, and outcomes, 260

respiratory viruses and severe lower respiratory tract complications in hospitalized patients, 1033

role of flexible bronchoscopy in immunocompromised patients with lung infiltrates, 712

routine chest radiographs after endoscopically guided percutaneous dilatational tracheostomy, 1173

top ten list in pediatrie lung disease, 1118

Pulmonary diseases: See also Pulmonary diseases, chronic obstructive: Pulmonary diseases, interstitial; changing patterns in asbestos-induced lung disease, 744

diffuse cystic lung diseases: correlation between radiologic and functional status, 135

inflammatory, increased arteriovenous carboxyliemoglobin differences in patients with, 2160

intensive care of patients with HIV infection: HAART warming improvement but beware of future HAART (and heart) attacks, 1602

noninfectious parenchymal lung disease; "imitators" of the ARDS: implication for diagnosis and treatment, 1530

obstructive lung disease among the urban homeless, 1719

prediction of risk of death using 30-day outcome: a practical end point for quality auditing in intensive care, 1458

preoperative pulmonary consultation at a university hospital, 1966, 1967

QT dispersion: much ado about something? 1974

role of transforming growth factor β in lung development and disease, 754

Pulmonary diseases, chronic obstructive: See also Asthma; Emphysema; activation of bronchial epithelial cells in smokers without airway obstruction and patients with, 1706

acute respiratory illness in patients with, and the effectiveness of influenza vaccination: a randomized controlled study, 2011

advanced, audit of medical thoracoscopy and tale poudrage for pneumothorax prevention in, 1315

advanced, smoking patterns in African Americans and whites with, 15

airway obstruction is common but unsuspected in patients admitted to a general medicine service, 106

analysis of tidal breathing profiles in cystic fibrosis and, 901 answer is fifteen percent: what is the question? 3

assessment of emphysema in: a functional and radiologic study, 1714

associated with wood smoke, matrix metalloproteinases activity in,

association of an abnormal exercise heart rate recovery with pulmonary function abnormalities, 1286

can a standardized acupuncture technique palliate disabling breathlessness: a single-blind, placebo-controlled crossover study, 1783

cardiovascular effects of β -agonists in patients with asthma and: a meta-analysis, 2309

chest wall kinematics and breathlessness during pursed-lip breathing in patients with, 459

comparison of continuous and discrete measurements of dyspnea during exercise in normal subjects and patients with, 77

do we really want to know why only some smokers get [it]? 1599 effects of inhaled tiotropium bromide on lung mucceiliary clearance in patients with COPD, 1726

effects of whole-body exercise training on body composition and functional capacity in normal-weight patients with, 2021 endurance and strength training in patients with, 2036

exacerbation, prospective multicenter study of relapse following emergency department treatment of, 473

extrathoracic expiratory flow limitation in obesity and obstructive and restrictive disorders: effects of increasing negative expiratory pressure, 98

a 44-year-old man with suspected exacerbation of, and atrial fibrillation, 2340

genetics of, 1929

increased levels of cell death and proliferation in alveolar wall cells in patients with pulmonary emphysema, 626

influenza vaccination in vulnerable populations, 1971

long-term beneficial effect of coronary artery bypass grafting in patients with, 56

macrolides for the treatment of chronic sinusitis, asthma, and, Feb. Supp., 528

management of secondary spontaneous pneumothorax: there's confusion in the air, 1190

mild, bronchodilatory effect of deep inspiration is absent in subjects with, 2029

nebulized morphine: a convenient and safe alternative to dyspnea relief? 363

nebulized opioids use in, 691

no more equivalence trials for antibiotics in exacerbations of, please, 811

obesity-hypoventilation syndrome: the name game continues, 352 obstructive lung disease among the urban homeless, 1719

office spirometry significantly improves early detection of, in general practice: the DIDASCO study, 1394

patients, effect of heliox breathing on dynamic hyperinflation in, 2075

perforin expression and cytotoxic activity of sputum CD8* lymphocytes in patients with, 71

peripheral muscle strength training in patients with, 1589, 1590 preoperative pulmonary consultation at a university hospital, 1966, 1967

prevalence of, in Greece, 892

recognizing and treating glucocorticoid-induced osteoporosis in patients with pulmonary diseases, 1859

risk and severity of, is associated with the group-specific component of serum globulin 1F allele, 63

smoking cessation motivation and, 1958

sputum dysplasia, related to bacterial load, oxidative stress, and airway inflammation in COPD, May Supp., 151S

stable, long-acting bronchodilators are the first-choice option for the treatment of, 9

stable, role of long-acting bronchodilators in the management of, 249

treatment of acute exacerbations of chronic respiratory failure: integrated use of negative pressure ventilation and noninvasive positive pressure ventilation, 2217

vagal pas de deux: heart-lung interplay in postexercise heart rate recovery, 1186

woman with fixed and dilated pupil and, following head trauma, 305

Pulmonary diseases, interstitial, bird-years as well as pack-years, 353

nebulized morphine: a convenient and safe alternative to dyspnea relief? 363

top ten list in interstitial lung disease, 272

Pulmonary edema, better characterization of acute lung injury/ARDS using lung water, 1166, 1167

a 52-year-old man with, following large-volume transfusion, 1556 Pulmonary embolism, clinical value of the ECG in noncardiac conditions, 1561

common causes of troponin elevations in the absence of acute myocardial infarction: incidence and clinical significance, 1877

ECG score predicts those with the greatest percentage of perfusion defects due to acute pulmonary thromboembolic disease, 1651

effect of a computerized reminder system on the prevention of postoperative venous thromboembolism, 1635

fatal, prevention of, in the hospital, 1595

impact of right ventricular dysfunction on the prognosis and therapy of normotensive patients with, 1539

suspected, clinical utility of D-dimer in patients with, and nondiagnostic lung scans or negative CT findings, 851

suspected, D-dimer for: whom should we test? 807

volumetric capnography as a screening test for, in the emergency department, 841

Pulmonary epithelioid hemangioendothelioma: See Hemangioendothelioma

Pulmonary fibrosis, functional analysis in single-lung transplant recipients: a comparative study of high-resolution CT, ³He-MRI, and pulmonary function tests, 173

idiopathic, combined corticosteroid and cyclophosphamide therapy does not alter survival in, 2169

idiopathic, newly diagnosed, increased surfactant protein-A levels in patients with, 617

idiopathic; prognostic implications of histologic patterns in multiple surgical lung biopsies from patients with idiopathic interstitial pneumonias, 522

idiopathic, spontaneous feline, identification of: morphology and ultrastructural evidence for a type II pneumocyte defect, 2278 idiopathic, top ten list in, 1885

idiopathic; top ten list in interstitial lung disease, 272

outcome of coal worker's pneumoconiosis with acute respiratory failure, 1052

role of transforming growth factor β in lung development and disease, 754

Pulmonary function: See also Forced expiratory volume; abnormalities, association of an abnormal exercise heart rate recovery with, 1986

actual and predicted postoperative changes in, after pneumonectomy: a retrospective analysis, 1735

among workers in the soft tissue paper-producing industry, 731 bronchodilatory effect of deep inspiration is absent in subjects with mild COPD, 2029

can exogenously administered hyaluronan improve respiratory function in patients with pulmonary emphysema? 288

changes, symptoms, respirator use, and, among New York City firefighters responding to the World Trade Center disaster, 1256

changing patterns in asbestos-induced lung disease, 744 clinical significance of clevated diffusing capacity, 446

COPD and smoking cessation motivation, 1958

development of chronic airway obstruction in patients with cosinophilic bronchitis: a prospective follow-up study, 1998

diffuse cystic lung diseases; correlation between radiologic and functional status, 135

effect of weight reduction on respiratory function and airway reactivity in obese women, 2046

environmental tobacco smoke may induce early lung damage in healthy male adolescents, 1387

impact of respiratory symptoms and, on quality of life of long-term survivors of non-small cell lung cancer, 439

influence of immersion in water on muscle function and breathing pattern in patients with severe diaphragm weakness, 2069

is my lung function really that good? flow-type spirometer problems that elevate test results, 1902

leukotriene modifier vs inhaled corticosteroid in mild-to-moderate asthma: clinical and anti-inflammatory effects, 1693

long-term dosing effects of mediator antagonists in inhaled corticosteroid-treated atopic asthmatic patients, 1372

new oxygenation index for reflecting intrapulmonary shunting in patients undergoing open-heart surgery, 592

obstructive lung disease among the urban homeless, 1719

outcome of hing transplant patients admitted to the medical ICU, 1040

predicting response to omalizumab, an anti-IgE antibody, in patients with allergic asthma, 1378

pulmonary manifestations of left heart failure, 669

reference values for arterial blood gases in the elderly, 2053

repeated adeno-associated virus serotype 2 aerosol-mediated cystic fibrosis transmembrane regulator gene transfer to the lungs of patients with cystic fibrosis: a multicenter, double-blind, placebo-controlled trial, 509

respiratory symptoms and physiologic assessment of ironworkers at the World Trade Center disaster site, 1248

respiratory viruses and severe lower respiratory tract complications in hospitalized patients, 1033

role of long-acting bronchodilators in the management of stable COPD, 249

role of transforming growth factor β in lung development and disease, 754

sputum production and, in patients with cystic fibrosis: a pilot study comparing the Percussive Tech HF device and standard chest physiotherapy, 1507

term ambiguity [FEF and FVC]. 797

tests, assessment of emphysema in COPD: a functional and radiologic study, 1714

tests, functional analysis in single-lung transplant recipients: a comparative study of high-resolution CT, ³He-MRI, and, 173 treatment with inhaled flunisolide, 1961, 1962

use of the mechanical in-exsufflator in pediatric patients with neuromuscular disease and impaired cough, 1406

vagal pas de deux; heart-lung interplay in postexercise heart rate recovery, 1186

Pulmonary gas exchange, acute asthma in adults: a review, 1081 altered exercise gas exchange as related to microalbuminuria in

type 2 diabetic patients, 1292 influence of immersion in water on muscle function and breathing

pattern in patients with severe diaphragm weakness, 2069 membrane and capillary blood components of diffusion capacity of

membrane and capillary blood components of diffusion capacity of the lung for carbon monoxide in pulmonary sarcoidosis: relation to exercise gas exchange, 2061

respiratory sinus arrhythmia: why does the heartheat synchronize with respiratory rhythm? 683

side effects of endotracheal suction in pressure- and volumecontrolled ventilation, 1077

Pulmonary hypertension: See Hypertension, pulmonary

Pulmonary infections: See also Bacterial infections; Fungal infections: Pneumonia; Viral infections; acute respiratory illness in patients with COPD and the effectiveness of influenza vaccination; a randomized controlled study, 2011

respiratory viruses and sever lower respiratory tract complications in hospitalized patients, 1033

survey of clinical practice of hing transplantation in North America, 1224

top ten list in pediatric lung disease, 1118

Pulmonary infiltrates, diffuse aspiration bronchiolitis due to achalasia, 349, 350

in the non-HIV-infected immunocompromised patient: etiologies, diagnostic strategies, and outcomes, 260

polymerase chain reaction for Mycobacterium tuberculosis: impact on clinical management of refugees with pulmonary infiltrates, 981

role of flexible bronchoscopy in immunocompromised patients with, 712

Pulmonary injury: See Lung injury

Pulmonary Langerhans cell histiocytosis: See Histiocytosis

Pulmonary lymphangioleiomyomatosis: See Lymphangioleiomyomatosis Pulmonary mechanics can exogenously administered hyaluronan improve respiratory function in patients with pulmonary emphysema? 288

Pulmonary medicine, exercise for fun and profit: joint statement on exercise by the American Thoracic Society and the American College of Chest Physicians, 1

survey of clinical practice of lung transplantation in North America,

Pulmonary neoplasms, actual and predicted postoperative changes in lung function after pneumonectomy: a retrospective analysis, 1735

Aspen Lung Conference, May Supp., 79S-172S [lung cancer over 17 years of Aspen lung conferences, 79S; environmental causes of lung cancer: what do we know in 2003?, 80S: increased urinary 8-isoprostaglandin F2 a is associated with lower plasma selenium levels and lower vegetable and fruit intake in an asbestos-exposed cohort at risk for lung cancer, 83S; p53: at the crossroads of molecular carcinogenesis and molecular epidemiology, 83S; development of lung tumors in mutant p53-expressing mice after inhalation exposure to asbestos, 85S; genetic predisposition to lung cancer, 86S; lung cancer risk in relatives of early-onset lung cancer cases, 89S; premalignant evolution of lung cancer: Gilles F. Filley Lecture, 90S; preinvasive bronchial lesions: surveillance or intervention?, 95S; serial analysis of gene expression profiles of developmental stages in non-small cell lung carcinoma, 97S; molecular targets for cancer therapy and prevention, 97S; tobacco carcinogen-induced cellular transformation increases Akt activation in vitro and in vivo, 101S; role of p63 amplification and overexpression in lung cancer development, 102S; evaluation of H37, a candidate 3p21.3 tumor suppressor gene, as a therapeutic and diagnostic marker in lung cancer, 102S; molecular classification of lung cancer: a cross-platform comparison of gene expression data sets, 103S; class prediction of lung nodule gene expression profiles, 104S; construction and optimization of chromosome arm-specific comparative genomic hybridization arrays for identifying genetic alterations in preinvasive lung cancers, 104S; efficient identification and use of tumor-associated antibodies as markers of non-small cell hing cancer, 105S; caveolin-1 is down-regulated in human lung carcinoma and acts as a candidate tumor suppressor gene, 106S; retrovirus-induced lung cancer; mechanisms of transformation of alveolar type II epithelial cells, 106S; selective suppression of dendritic cell functions by cigarette smoke extract, 107S; buccal-lung comparison of quantitative expression of carcinogen and oxidant metabolism genes in human subjects, 107S; diffuse idiopathic pulmonary neuroendocrine cell hyperplasia as a precursor to pulmonary neuroendocrine tumors, 108S; serum levels of surfactant protein D are increased in mice with lung tumors, 109S; high prevalence of endobronehial malignancy in high-risk patients with moderate dysplasia in sputum, 109S; regulated gap junction-cytoskeletal associations in rat alveolar epithelial cells, 110S: improvement and application of fluorescence inter-simple sequence repeat polymerase chain reaction for the study of subclonal growths in lung epithelial cell populations, 110S; Sprouty 2 gene in mouse lung tumorigenesis, 111S; gene expression patterns, prognostic and diagnostic markers, and lung cancer biopsy, 111S; impact of eigarette smoke on the normal airway transcriptome, 115S; non-small cell lung cancer molecular profiles are associated with lung development, 115S; elevated hepatocyte growth factor level correlates with poor outcome in early-stage and late-stage adenocarcinoma of the lung, 116S; epigenetics in lung cancer: focus on progression and early lesions, 119S; γ-catenin expression is reduced or absent in a subset of human non-small cell lung cancers, and its re-expression inhibits cell growth. 122S; human lung cancer chemoprevention strategies: Parker B. Francis Lecture, 123S; airway antioxidants and oxidative stress as predictors of sputum atypia and airflow obstruction. 127S; chemoprevention of tobacco smoke-induced lung cancer: what animal studies tell us, 128S; mechanisms of chemoprevention, 128S; chemokine receptor, CXCR2, mediates the tumorigenic effects of ELR+ CXC chemokines, 133S; ligands

of peroxisome proliferator-activated receptor y inhibit lung cancer cell growth and induce apoptosis by stimulation of P21 expression, 134S; cyclooxygenase-2 in lung carcinogenesis and chemoprevention: Roger S. Mitchell Lecture, 134S; cyclooxygenase-2-dependent expression of survivin in non-small cell lung cancer, 140S; prostacyclin in human non-small cell lung cancers, 141S; role of protein kinase B-dependent signaling in lung tumorigenesis, 141S; chemoprevention of lung cancer in transgenic mice, 144S; new lung cancer drugs from bradykinin antagonists, 148S; multicenter study comparing autofluorescence bronchoscopy to white light bronchoscopy using a non-laser light stimulation system, 148S; modulation of biomarkers during chemoprevention of mouse lung tumorigenesis by D-glucarate, 149S; mechanisms of lung cancer chemoprevention by D-glucarate, 149S; role of parathyroid hormonerelated protein in lung cancer cell survival, 150S; potential role for activated leukocyte cell adhesion molecule and neural cadherin in metastasis to the lung microcirculation, 150S; sputum dysplasia, related to bacterial load, oxidative stress, and airway inflammation in COPD, 151S; phospho-Akt overexpression in non-small cell lung cancer confers significant stage-independent survival disadvantage, 152S; lung cancer screening using low-dose high-resolution CT scanning in a high-risk workforce: 3,500 nuclear fuel workers in three US states, 152S; activation of the Akt/nuclear factor-KB signaling axis in developing lung neoplasia, 153S; new targets for detection and treatment of small cell lung cancer, 154S; evidence that inflammation encourages pulmonary adenocarcinoma formation in mice: clinical implications, 154S; use of standardized reverse transcription-polymerase chain reaction and the standardized expression measurement center in multiinstitutional trials to develop meaningful lung cancer classification based on molecular genetic criteria, 155S; SDF-1/ CXCL 12/CXCR4 biological axis in non-small cell lung cancer metastases, 156S; pilot evaluation of micrometastases for the prediction of outcome in lung cancer, 156S; effects of budesonide on overall 5-methylcytosine levels and specific methylation and messenger RNA expression of the insulin-like growth factor II gene in mouse lung tumors, 157S; improved diagnostic sensitivity for lung cancer using an automated quantitative cytology system and uridine 5'-triphosphate-induced sputum specimens, 157S; screening for lung cancer: current status and future directions, 158S; lung cancer detection in asymptomatic patients with airflow obstruction, 163S; bimodality lung cancer screening in high-risk patients: a preliminary report, 163S; detection of melanoma antigen-A expression in sputum and bronchial lavage fluid of patients with lung cancer, 164S; experience with surgical intervention for screening-detected lung cancer, 167S; lung cancer: early events, early interventions; conference summary for the 46th annual Thomas L. Petty Aspen Lung Conference, 167S]

chemoprevention, May Supp., 123S, 128S, 134S, 144S, 149S conventional vs endobronchial ultrasound-guided transbronchial needle aspiration: a randomized trial, 322

CT fluoroscopy-guided bronchoscopic dye marking for resection of small peripheral pulmonary nodules, 1747

CT-guided transbronchial biopsy using an ultrathin bronchoscope with virtual bronchoscopic navigation, 1138

effect of cigarette smoke exposure on pulmonary metastatic disease in a murine model of metastatic breast cancer, 1467

is major pulmonary resection by video-assisted thoracic surgery an adequate procedure in clinical stage I lung cancer? 1742

lung cancer screening: response to Jerome Reich, MD, 350 managing the small pulmonary nodule discovered by CT, 1522

massive calcified mass in the lung, vol. 124:2010; erratum, vol. 125:1175

non-small cell, May Supp., 978, 1058, 1158, 1228, 1408, 1418, 1528, 1548, 1568

non-small cell, 2300

non-small cell, impact of respiratory symptoms and pulmonary function on quality of life of long-term survivors of, 439

non-small cell lung cancer, early, association between lower lobe location and upstaging for, 1424

non-small cell lung cancer, potentially resectable, accuracy and cost-effectiveness of [18F]-2-fluoro-deoxy-D-glucose-positron emission tomography scan in, 1413

non-small cell; prognostic factors in the surgical management of pericardial effusion in the patient with concurrent malig-

nancy, 1328
non-small cell, suspected, utility of ⁹⁰mTc depreotide compared with F-18 fluorodeoxyglucose positron emission tomography and surgical staging in patients with, 494

re: contumacy vs mendacity revisited: response to Dr. Grannis' letter, 351

relationship between a history of antecedent cancer and the probability of malignancy for a solitary pulmonary nodule, 2175

screening, May Supp., 152S, 158S, 163S, 167S

seeking a home for a PET, part 1: defining the appropriate place for positron emission tomography imaging in the diagnosis of pulmonary nodules or masses, 2294

seeking a home for a PET, part 2: defining the appropriate place for positron emission tomography imaging in the staging of patients with suspected lung cancer, 2300

serum levels of KL-6 for predicting the occurrence of radiation pneumonitis after stereotactic radiotherapy for lung tumors, 340

smoking and lung cancer survival: the role of comorbidity and treatment, 27

use of a clinical pathway to manage unsuspected radiographic findings, 1753

woman with chronic, unproductive cough and left lower lobe lung mass, 1148

Pulmonary nodules, a new safe and stable spiral wire needle for thoracoscopic resection of, 2289

bilateral, secondary to leiomyomatosis, Oct. Supp., vol. 124:287S; clarification, vol. 125:356

class prediction of lung nodule gene expression profiles, May Supp., 104S

in lung transplant recipients: etiology and outcome, 165

localization of, 796

multiple, a 50-year-old man with skin lesions and, 2322

seeking a home for a PET, part 1: defining the appropriate place for positron emission tomography imaging in the diagnosis of masses or, 2294

small, managing, discovered by CT, 1522

small peripheral, CT fluoroscopy-guided bronchoscopic dye marking for resection of, 1747

solitary, relationship between a history of antecedent cancer and the probability of malignancy for, 2175

use of a clinical pathway to manage unsuspected radiographic findings, 1753

Pulmonary sequestration, hemoptysis in a 38-year-old woman receiving an oral contraceptive, 1944

Pulmonary shunts: See Shunts Pulmonary toxicity: See Drug toxicity

Pulmonary tuberculosis: See Tuberculosis

Pulmonary vascular resistance, clinical and exercise test determinants of survival after cardiac transplantation, vol. 124:2000; clarification, vol. 125:1175

feasibility of routine pulmonary arterial impedance measurements in pulmonary hypertension, 2121

Pulmonary vascular system: See also Pulmonary artery; Pulmonary circulation; Pulmonary vascular resistance; prolonged nitric oxide inhalation fails to regress hypoxic vascular remodeling in rat lung, 2247

Pulmonary ventilation: See Ventilation

Pulse, irregular, abnormal ECG in man admitted to ICU with chest pain and, 775

Pulse oximetry: See Oximetry

Pupil, fixed and dilated: See Eye

Pursed-lip breathing: See Respiration

Q fever, frequent error in etiology of round pneumonia, 1592 QT: See Electrocardiography Quality assurance, is my lung function really that good? flow-type spirometer problems that elevate test results, 1902

Quality auditing, prediction of risk of death using 30-day outcome: a practical end point for, in intensive care, 1458
Quality of life, cystic fibrosis adult care: consensus conference report,

Jan. Supp., 1S-39S

effects of anaerobic training in children with cystic fibrosis: a randomized controlled study, 1299

endurance and strength training in patients with COPD, 2036 health-related, gender differences in, in patients complaining of chronic cough, 482

health-related, measuring, in adults during an acute asthma exacerbation, 93

health-related, of persons with sarcoidosis, 997

impact of respiratory symptoms and pulmonary function on, of long-term survivors of non-small cell lung cancer, 439

impaired, of healthy young smokers, 425 obstructive sleep apnea syndrome, sleepiness, and, 2091

to infuse or not? 1182

Question of the month: See ACCP-SEEK board review question of the month

Questionnaires, Acute Asthma Quality of Life Questionnaire, measuring health-related quality of life in adults during an acute asthma exacerbation, 93

health-related quality of life of persons with sarcoidosis, 997 survey of clinical practice of lung transplantation in North America, 1224

survey of Medicaid recipients with asthma: perceptions of selfmanagement, access, and care, 1359

Quinolones, empiric therapy of community-acquired pneumonia; guidelines for the perplexed? 1913

Rabbits, mechanical properties of tracheal smooth muscle are impaired in, with experimental cardiac pressure overload, 236

tale and silver nitrate induce systemic inflammatory effects during the acute phase of experimental pleurodesis in, 2268

Racial groups: See Ethnic groups

Radiofrequency maze procedure, preoperative atrial size predicts the success of, for permanent atrial fibrillation in patients undergoing concomitant valvular surgery, 2129

Radiography: See also Roentgenogram of the month; daily routine chest radiographs, 1167, 1168

diffuse cystic lung diseases: correlation between radiologic and functional status, 135

idiopathic interstitial pneumonias and the concept of the trump card, 359

routine chest radiographs after endoscopically guided percutaneous dilatational tracheostomy, 1173

use of a clinical pathway to manage unsuspected findings, 1753 Radioisotopes, localization of pulmonary nodules, 796

Radiotherapy, high dose rate brachytherapy for nonmalignant airway obstruction: new treatment option, vol. 124:1605; clarification, vol. 125:356

pleural effusions in hematologic malignancies, 1546

stereotactic, serum levels of KL-6 for predicting the occurrence of radiation pneumonitis after, for lung tumors, 340

tracheobronchial amyloidosis: a case report of successful treatment with external beam radiation therapy, 784

Rats, can exogenously administered hyaluronan improve respiratory function in patients with pulmonary emphysema? 288

effects of hyperchloremic acidosis on arterial pressure and circulating inflammatory molecules in experimental sepsis, 243

endotoxemic, hypothermia induces anti-inflammatory cytokines and inhibits nitric oxide and myeloperoxidase-mediated damage in the hearts of, 1483

oral N-acetylcysteine attenuates elastase-induced pulmonary emphysema in, 1500

prolonged nitric oxide inhalation fails to regress hypoxic vascular remodeling in lung [of], 2247

regulated gap junction-cytoskeletal associations in rat alveolar epithelial cells, May Supp., 1108

Recurrence of cancer: See Neoplasm recurrence

Reference values: See also Polysomnography; arterial blood gases in the elderly, 2053

Refugees, polymerase chain reaction for Mycobacterium tuberculosis: impact on clinical management of, with pulmonary infiltrates, 981

Rehabilitation, cardiac, deep vein thrombosis among patients entering, after coronary artery bypass surgery, 191

effects of whole-body exercise training on body composition and functional capacity in normal-weight patients with COPD, 2021

peripheral muscle strength training in patients with COPD, 1589, 1590

Religion, a 44-year-old Jehovah's Witness with life-threatening anemia from uterine bleeding, 1151

Reminders, computerized: See Computerized reminder system

Renal failure: See Kidney failure

Renal transplants: See Kidney transplantation

Reperfusion, attenuation of reperfusion-induced systemic inflammation by preconditioning with nitric oxide in an *in situ* porcine model of normothermic lung ischemia, 2253

moderate systemic hypotension during, reduces the coronary blood flow and increases the size of myocardial infarction in pigs, 1492

therapy, impact of systemic BP on coronary blood flow and infarct size during, for acute myocardial infarction: refinements beyond the "plumbing," 1179

Research: See also Impact of basic research on tomorrow's medicine; Literature reviews

no more equivalence trials for antibiotics in exacerbations of COPD, please, 811

role of transforming growth factor β in lung development and disease, 754

top ten list in idiopathic pulmonary fibrosis, 1885

Research design, evaluating combination therapy in communityacquired pneumonia, 353

no more equivalence trials for antibiotics in exacerbations of COPD, please, 811

treatment with inhaled flunisolide, 1961, 1962

Respiration: See also Dyspnea; analysis of tidal breathing profiles in cystic fibrosis and COPD, 901

breath condensate pH in children with CF and asthma: a new non-invasive marker of airway inflammation? 2005

bronchodilatory effect of deep inspiration is absent in subjects with mild COPD, 2029

chest wall kinematics and breathlessness during pursed-lip breathing in patients with COPD, 459

8-isoprostane, a marker of oxidative stress, is increased in the expired breath condensate of patients with pulmonary sarcoidosis, 1005

evaluating noisy breathing in children: how far down the airway should one look? 1184

influence of immersion in water on muscle function and breathing pattern in patients with severe diaphragm weakness, 2069

Kapalabhati pranayama—breath of fire or cause of pneumothorax: a case report, 1951

markers of inflammation in exhaled breath condensate of young healthy smokers, 22

reversal of nocturnal periodic breathing in primary pulmonary hypertension after lung transplantation, 344

sleep, breathing, oxygen, and heart, 1596

1040

use of nasopharyngoscopy in the evaluation of children with noisy breathing, 1265

Respiration, artificial: See also Pneumonia, ventilator-associated; acute asthma in adults: a review, 1081

hospital and long-term outcome after tracheostomy for respiratory failure, 220 ICU admission of the lung transplant recipient following hospital

discharge, 813 integrated health system for chronic disease management: lessons

learned from France, 695 outcome of coal worker's pneumoconiosis with acute respiratory

failure, 1052 outcome of lung transplant patients admitted to the medical ICU,

outcomes in critically ill patients before and after the implementation of an evidence-based nutritional management protocol, 1446

prevalence and outcomes of caregiving after prolonged (≥ 48 hours) mechanical ventilation in the ICU, 597

safety of ultrasound-guided thoracentesis in patients receiving mechanical ventilation, 1059

side effects of endotracheal suction in pressure- and volumecontrolled ventilation, 1077

smoke/burn injury-induced respiratory failure elicits apoptosis in ovine lungs and cultured lung cells, ameliorated with arteriovenous CO₂ removal, 1472

survey of clinical practice of lung transplantation in North America, 1224

tracheostomy for respiratory failure: we need more answers, 7 tracheostomy tube enabling speech during mechanical ventilation, 1046

Respirators, use, symptoms, pulmonary function changes and, among New York City firefighters responding to the World Trade Center disaster, 1256

Respiratory distress syndrome, adult, alveolar granulocyte colonystimulating factor and α-chemokines in relation to serum levels, pulmonary neutrophilia, and severity of lung injury in, 212

better characterization of acute lung injury/ARDS using lung water, 1166, 1167

"imitators" of: implication for diagnosis and treatment, 1530

polymorphism in the surfactant protein-B gene, gender, and the risk of direct pulmonary injury and, 203

role of open-lung biopsy in ARDS, 197

smoke/burn injury-induced respiratory failure elicits apoptosis in ovine lungs and cultured lung cells, ameliorated with arteriovenous CO₂ removal, 1472

successful aeromedical transport using inhaled prostacyclin for a patient with life-threatening hypoxemia, 1579

talc and silver nitrate induce systemic inflammatory effects during the acute phase of experimental pleurodesis in rabbits, 2268 to B or not to B? it still is the question, 5

Respiratory failure: See also Respiration, artificial; acute asthma in adults: a review, 1081

acute, outcome of coal worker's pneumoconiosis with, 1052

chronic, treatment of acute exacerbations of: integrated use of negative pressure ventilation and noninvasive positive pressure ventilation, 2217

hospital and long-term outcome after tracheostomy for, 220

ICU admission of the lung transplant recipient following hospital discharge, 813

integrated health system for chronic disease management: lessons learned from France, 695

integrated system for chronic disease management; can we apply lessons learned from France? 365

smoke/burn injury-induced, elicits apoptosis in ovine lungs and cultured lung cells, ameliorated with arteriovenous ${\rm CO_2}$ removal, 1472

survival of patients with bronchiectasis after the first ICU stay for, 1815

tracheostomy for: we need more answers, 7

Respiratory infections: See Pulmonary infections

Respiratory insufficiency: See Respiratory failure

Respiratory muscles, effect of lung volume reduction surgery on diaphragmatic neuromechanical coupling at 2 years, 2188

Respiratory sinus arrhythmia: See Heart rate

Respiratory symptoms, asthma treatment preference study: a conjoint analysis of preferred drug treatments, 916

chronic, prevalence of asthma and, among Alaska Native children, 1665

decreased, after intervention in artificially ventilated offices in São Paulo, Brazil 326

impact of pulmonary function and, on quality of life of long-term survivors of non-small cell lung cancer, 439

obstructive lung disease among the urban homeless, 1719

physiologic assessment and, of ironworkers at the World Trade Center disaster site, 1248 respirator use, and pulmonary function changes among New York City firefighters responding to the World Trade Center disaster, 1256

respiratory findings in tobacco industry workers, 802

Respiratory therapy, comparison of lung deposition in two types of nebulization: intrapulmonary percussive ventilation vs jet nebulization, 502

educational intervention to reduce ventilator-associated pneumonia in an integrated health system: a comparison of effects, 2224

Retrovirus-induced lung cancer: mechanisms of transformation of alveolar type II epithelial cells, May Supp., 106S

Reviews, acute asthma in adults: a review, 1081 asbestos and the pleura: a review, 1103

brain natriuretic peptide in the management of heart failure: the versatile neurohormone, 652

common causes of troponin elevations in the absence of acute myocardial infarction: incidence and clinical significance, 1877

impact of right ventricular dysfunction on the prognosis and therapy of normotensive patients with pulmonary embolism, 1539

pleural effusions in hematologic malignancies, 1546

pulmonary infiltrates in the non-HIV-infected immunocompromised patient: etiologies, diagnostic strategies, and outcomes, 260

pulmonary manifestations of left heart failure, 669

recognizing and treating glucocorticoid-induced osteoporosis in patients with pulmonary diseases, 1859

role of long-acting bronchodilators in the management of stable COPD, 249

seeking a home for a PET, part 1: defining the appropriate place for positron emission tomography imaging in the diagnosis of pulmonary nodules or masses, 2294

seeking a home for a PET, part 2: defining the appropriate place for positron emission tomography imaging in the staging of patients with suspected lung cancer, 2300

Rheumatic mitral stenosis, a 44-year-old man with suspected exacerbation of COPD and atrial fibrillation, 2340

increased circulating endothelin-1 in: irrelevance to left atrial and pulmonary artery pressures, 390

mechanism of reducing platelet activity by percutaneous transluminal mitral valvuloplasty in patients with, 1629

percutaneous transluminal mitral valvuloplasty reduces circulating vascular cell adhesion molecule-1 in, 1213

Risedronate, recognizing and treating glucocorticoid-induced osteoporosis in patients with pulmonary diseases, 1859

Right ventricle: See Ventricle, right

Risk of death, prediction of, using 30-day outcome: a practical end point for quality auditing in intensive care, 1458

Roentgenogram of the month, bronchial stricture and hemoptysis in a woman with sickle cell anemia, 766

dysphagia after Heimlich maneuver, 302 an 85-year-old man with a lung mass, 1121

a 50-year-old man with skin lesions and multiple pulmonary nodules, 2322

massive calcified mass in the lung, vol. 124:2010; erratum, vol. 125:1175

a 67-year-old woman with abnormal lung perfusion scan finding, 1941

unusual cause of chest pain, 1536

Rofecoxib, a COX-2 inhibitor, lowers C-reactive protein and interleukin-6 levels in patients with acute coronary syndromes, 1610 Rush mat workers: See Occupational and environmental lung diseases

Safety: See Patient safety

Salmeterol, long-acting bronchodilators are the first-choice option for the treatment of stable COPD, 9

role of long-acting bronchodilators in the management of stable COPD, 249

San Francisco: See California

São Paulo, Brazil: See Brazil

Saphenous vein, native matrix metalloproteinase characteristics may influence early stenosis of venous vs arterial coronary artery bypass grafting conduits, 1853

Sarcoidosis, cycle, 1171, 1172

diagnostic value of transbronchial needle aspiration by Wang 22-gauge cytology needle in intrathoracic lymphadenopathy, 527

endobronchial; bronchial stricture and hemoptysis in a woman with sickle cell anemia, 766

health-related quality of life of persons with, 997

mycobacteria in pathogenesis of, 354

pulmonary, 8-isoprostane, a marker of oxidative stress, is increased in the expired breath condensate of patients with, 1005

pulmonary, membrane and capillary blood components of diffusion capacity of the lung for carbon monoxide in: relation to exercise gas exchange, 2061

race and short-term outcomes following lung transplantation, 990 top ten list in interstitial lung disease, 272

SARS: See Severe acute respiratory syndrome

School-based case identification process for identifying inner city children with asthma: the Breathmobile program, 924

Schools, effects of a comprehensive school-based asthma program on symptoms, parent management, grades, and absenteeism, 1674

Scintigraphy, ECG score predicts those with the greatest percentage of perfusion defects due to acute pulmonary thromboembolic disease, 1651

a 67-year-old woman with abnormal lung perfusion scan finding, 1941

utility of ^{inter}Te depreotide compared with F-18 fluorodeoxyglucose positron emission tomography and surgical staging in patients with suspected non-small cell lung cancer, 494

Screening, lung cancer: See Pulmonary neoplasms

SDF-1/CXCL, 12/CXCR4 biological axis in non-small cell lung cancer metastases, May Supp., 1568

Secondhand smoke: See Smoking

Sedation, acute asthma in adults: a review, 1081

efficacy of premixed nitrous oxide and oxygen for fiberoptic bronchoscopy in pediatric patients: a randomized, doubleblind, controlled study, 315

ketamine, safety and efficacy of, for infant flexible fiberoptic bronchoscopy, 1132

proper balance, 13

Segmental early relaxation phenomenon: incidence, clinical characteristics, and significance in stress echocardiography, 1218

Selectins, Le, expression of adhesion molecules during apoptosis of

circulating neutrophils in, 1837

[P-selectin]: mechanism of reducing platelet activity by percutaneous transluminal mitral valvuloplasty in patients with rheumatic mitral stenosis, 1629

Selective serotonin reuptake inhibitors: See Serotonin reuptake inhibitors, selective

Selenium, increased urinary 8-isoprostaglandin F₂α is associated with lower plasma selenium levels and lower vegetable and fruit intake in an asbestos-exposed cohort at risk for lung cancer, May Supp., 838

Self-care, survey of Medicaid recipients with asthma: perceptions of self-management, access, and care, 1359

"Sendo" dust: See Dust

Sepsis, common causes of troponin elevations in the absence of acute myocardial infarction: incidence and clinical significance, 1877 cytokines; the tomb markers of the ICU, 1980

experimental, effects of hyperchloremic acidosis on arterial pressure and circulating inflammatory molecules in, 243

ICU admission of the lung transplant recipient following hospital discharge, 813

prediction of risk of death using 30-day outcome: a practical end point for quality auditing in intensive care, 1458

serum levels of the apoptosis-associated molecules, TNF/TNFRI and Fas/Fas1., 2238

severe, extended evaluation of recombinant human activated protein C United States trial: a single-arm, phase 3B, multicenter study of drotrecogin alfa (activated) in, 2206

statin, inflammation and, 2365

Septal rupture, ventricular: See Heart septum

September 11, 2001, attacks: See World Trade Center

Septicemia, ICU admission of the lung transplant recipient following hospital discharge, 813

Sequestration: See Aorta: Pulmonary sequestration

Serotonin reuptake inhibitors, selective, diagnosing neuroleptic malignant syndrome, 1960, 1961

Serotonin syndrome, acute; diagnosing neuroleptic malignant syndrome, 1960, 1961

Serotonin uptake, tianeptine: a new exploratory therapy for asthma, 348, 349

Serum: See Blood

Serum globulin: See Globulin

Severe acute respiratory syndrome, complicated by spontaneous pneumothorax, 2345

dispersal of respiratory droplets with open vs closed oxygen delivery masks: implications for the transmission of, 1155

SARS, pneumothorax, and our response to epidemics, 1982
Sheep, increasing renal blood flow: low-dose dopamine or medium-dose norepinephrine, 2260

smoke/burn injury-induced respiratory failure elicits apoptosis in ovine lungs and cultured lung cells, ameliorated with arteriovenous CO₂ removal, 1472

Shock, cardiogenic, association between the TNF-2 allele and a better survival from, 2232

common causes of troponin elevations in the absence of acute myocardial infarction: incidence and clinical significance, 1877

impact of right ventricular dysfunction on the prognosis and therapy of normotensive patients with pulmonary embolism, 1539

statin, inflammation and sepsis, 2365

Shunts, new oxygenation index for reflecting intrapulmonary shunting in patients undergoing open-heart surgery, 592

Sick sinus syndrome, chronotropic incompetence in a young adult: case report and literature review, 297

Siekle cell anemia: See Anemia

Sildenafil, hemodynamic response to nitric oxide, iloprost and, in primary pulmonary hypertension, 580

Silicone cylindrical sleeves: See Equipment

Silicosis, pneumoconiosis in rush mat workers exposed to clay dye "sendo" dust: clinical, radiologic, and histopathologic features in seven patients, 737

Silver nitrate, talc and, induce systemic inflammatory effects during the acute phase of experimental pleurodesis in rabbits, 2268

Sinus conversion, preoperative atrial size predicts the success of radiofrequency maze procedure for permanent atrial fibrillation in patients undergoing concomitant valvular surgery, 2129Sinus node dysfunction, 297

Sinus rhythm, normal, long-term maintenance of, in patients with current symptomatic atrial fibrillation: amiodarone vs propafenone, both in low doses, 377

Sinusitis, chronic, macrolides for the treatment of asthma, COPD and, Feb. Supp., 52S

Skeletal muscles, exercise performance and, in patients with advanced Chagas disease, 1306

Skin, lesions a 50-year-old man with, and multiple pulmonary nodules, 2322

Skin test reactivity, to aeroallergens among asthmatic children in Connecticut, ethnicity and, 85

Sleep, breathing, oxygen, heart and, 1596

-related breathing disturbances, acidification of distal esophagus and, 2101

sonography, evaluation of the accuracy of SNAP technology in detecting obstructive sleep apnea in adults compared to standard polysomnography, 886

sphincter pharyngoplasty as a treatment of velopharyngeal incompetence in young people: a prospective evaluation of effects on sleep structure and sleep respiratory disturbance, 864

top ten list in pediatric lung disease, 1118

Sleep apnea, aldosterone excretion among subjects with resistant hypertension and symptoms of sleep apnea, 112

history and, 1587, 1588

in children, adenotonsillectomy and, 2363, 2364

normal polysomnographic respiratory values in children and adolescents, 872

Sleep apnea syndromes, obstructive, a community study of sleepdisordered breathing in middle-aged Chinese women in Hong Kong: prevalence and gender differences, 127

acidification of distal esophagus and sleep-related breathing disturbances, 2101

cardiac troponin T in, 2097

complicating oculopharyngeal muscular dystrophy, 334

effects of nasal continuous positive airway pressure on platelet activation in, 1768

evaluation of the accuracy of SNAP technology sleep sonography in detecting, in adults compared to standard polysomnography, 886

extrathoracic expiratory flow limitation in obesity and obstructive and restrictive disorders: effects of increasing negative expiratory pressure, 98

-hypopnea syndrome, corrected QT dispersion and cardiac sympathetic function in patients with, 2107

 -hypopnea syndrome, white coat hypertension in patients with, 817 increased plasma interleukin-6 is associated with the pathogenesis of, 1964, 1965

lack of efficacy for a cervicomandibular support collar in the management of, 118

mandibular advancement devices in 630 men and women with snoring and: tolerability and predictors of treatment success, 1270

mandibular advancement titration for optimization of the procedure by combining clinical and oximetric parameters, 1761

obesity-hypoventilation syndrome: the name game continues, 352 plasma orexin-A levels in obstructive sleep apnea-hypopnea syndrome, 1963

portable monitoring for diagnosing: not yet ready for primetime, 809

prevalence of, in lone atrial fibrillation: a case-control study, 879 QT dispersion: much ado about something? 1974

simultaneous use of antidepressant and antihypertensive medications increases likelihood of diagnosis of, 1279

sleepiness, and quality of life, 2091

white coat hypertension and: is there a link? 805

Sleep-disordered breathing, a community study of, in middle-aged Chinese women in Hong Kong; prevalence and gender differences, 127

Sleepiness, obstructive sleep apnea syndrome, quality of life and, 2091

Smoke injury-induced respiratory failure elicits apoptosis in ovine lungs and cultured lung cells, ameliorated with arteriovenous CO₂ removal, 1472

Smoking, activation of bronchial epithelial cells in smokers without airway obstruction and patients with COPD, 1706

answer is fifteen percent; what is the question? 3

bird-years as well as pack-years, 353

cessation, comparison of conservative and aggressive treatment strategies following coronary artery bypass graft surgery, 435 cessation motivation and COPD, 1958

chemoprevention of tobacco smoke-induced lung cancer: what animal studies tell us, May Supp., 1288

cigarette, asthma and emphysema, vol. 124:2408; erratum, vol. 125:1175

do we really want to know why only some smokers get COPD? 1599

effect of cigarette smoke exposure on pulmonary metastatic disease in a murine model of metastatic breast cancer, 1467

environmental tobacco smoke may induce early lung damage in healthy male adolescents, 1387

genetics of COPD, 1929

HIV-1 infection does not impair human alveolar macrophage phagocytic function unless combined with, 1071

impact of cigarette smoke on the normal airway transcriptome, May Supp., 115S

impaired quality of life of healthy young smokers, 425

inhaled β-adrenoceptor agonists and left ventricular systolic function, 1174

lung cancer screening: response to Jerome Reich, MD, 350

lung cancer survival and [current smoking status]: the role of comorbidity and treatment, 27

markers of inflammation in exhaled breath condensate of young healthy smokers, 22

paradoxical effect of, in the Spanish population with acute myocardial infarction or unstable angina: results of the ARIAM register, 831

parental, prompts, concordance between parental and children's reports of, 429

patterns in African Americans and whites with advanced COPD, 15 perforin expression and cytotoxic activity of sputum CD8⁺ lymphocytes in patients with COPD, 71

pneumothorax in pulmonary Langerhans cell histiocytosis, 1028 prevalence of COPD in Greece, 892

re: contumacy vs mendacity revisited: response to Dr. Grannis' letter, 351

reference values for arterial blood gases in the elderly, 2053

risk and severity of COPD is associated with the group-specific component of serum globulin 1F allele, 63

selective suppression of dendritic cell functions by eigarette smoke extract, May Supp., 1078

survey of Medicaid recipients with asthma: perceptions of selfmanagement, access, and care, 1359

tobacco carcinogen-induced cellular transformation increases Akt activation in vitro and in vico, May Supp., 101S

uncontrolled hypertension, uncompensated type II diabetes, and, have different patterns of vascular dysfunction, 823

vitamin E and beta-carotene supplementation and hospital-treated pneumonia incidence in male smokers, 557

Smooth muscle, tracheal: See Trachea SNAP technology: See Sonography

SNAT technology: see Soliography Snoring, mandibular advancement devices in 630 men and women with obstructive sleep apnea and: tolerability and predictors of treatment success, 1270

Social factors, gender differences in health-related quality of life in patients complaining of chronic cough, 482

Society of Critical Care Medicine, critical care medicine crisis: a call for federal action; white paper from the critical care professional societies, 1518

critical care professional societies address the critical care crisis in the United States, 1512

Sodium, clinical value of the ECG in noncardiac conditions, 1561 Sonography, sleep, evaluation of the accuracy of SNAP technology in detecting obstructive sleep apnea in adults compared to standard polysonnography, 886

Spain, paradoxical effect of smoking in the Spanish population with acute myocardial infarction or unstable angina: results of the

ARIAM register, 831

Special reports, cardiovascular effects of β-agonists in patients with asthma and COPD: a meta-analysis, 2309

critical care medicine crisis: a call for federal action; white paper from the critical care professional societies, 1518

critical care professional societies address the critical care crisis in the United States, 1512 critical care crisis in the United States; a report from the profes-

sion, 1514 guidelines for empiric antimicrobial prescribing in community-

acquired pneumonia, 1888 integrated health system for chronic disease management: lessons

learned from France, 695

is my lung function really that good? flow-type spirometer problems that elevate test results, 1902

patient-focused care: the 2003 American College of Chest Physicians convocation speech, 1910

Speech, tracheostomy tube enabling, during mechanical ventilation, 1046

Sphincter pharyngoplasty: See Pharyngoplasty

Spinal muscular atrophy, use of the mechanical in-exsufflator in pediatric patients with neuromuscular disease and impaired cough, 1406

Spinal prostaglandin formation and pain perception following thoracotomy: a role for cyclooxygenase-2, 1321

Spine, unusual cause of dyspnea in a 77-year-old man [cervical spondylosis], 770

Spiral needles: See Equipment

Spirometry, airway obstruction is common but unsuspected in patients admitted to a general medicine service, 106

association of an abnormal exercise heart rate recovery with pulmonary function abnormalities, 1286

is my lung function really that good? flow-type spirometer problems that elevate test results, 1902

office, significantly improves early detection of COPD in general practice: the DIDASCO study, 1394

respiratory symptoms and physiologic assessment of ironworkers at the World Trade Center disaster site, 1248

Spleen, unusual cause of chest pain [thoracic splenosis], 1536

Splenosis, thoracic: See Spleen Spondylosis, cervical: See Spine

Sports, field exercise vs laboratory eucapnic voluntary hyperventilation to identify airway hyperresponsiveness in elite cold weather athletes, 909

Sprouty 2 gene in mouse lung tumorigenesis, May Supp., 111SSputum, airway antioxidants and oxidative stress as predictors of sputum atypia and airflow obstruction, May Supp., 127S

bronchial dilatation in asthma: relation to clinical indices and, 1352 chyloptysis in adults: presentation, recognition, and differential diagnosis, 336

development of chronic airway obstruction in patients with eosinophilic bronchitis: a prospective follow-up study, 1998

diagnosis of pneumonia in renal transplant recipients using invasive and noninvasive procedures, 541

dysplasia, related to bacterial load, oxidative stress, and airway inflammation in COPD, May Supp., 151S

effects of pranlukast administration on vascular endothelial growth factor levels in asthmatic patients, 1700

high prevalence of endobronchial malignancy in high-risk patients with moderate dysplasia in sputum, May Supp., 109S

improved diagnostic sensitivity for lung cancer using an automated quantitative cytology system and uridine 5'-triphosphate-induced sputum specimens, May Supp., 1578

leukotriene modifier vs inhaled corticosteroid in mild-to-moderate asthma: clinical and anti-inflammatory effects, 1693

perforin expression and cytotoxic activity of CD8⁺ lymphocytes in patients with COPD, 71

production, pulmonary function and, in patients with cystic fibrosis: a pilot study comparing the PercussiveTech HF device and standard chest physiotherapy, 1507

SSRIs: See Scrotonin reuptake inhibitors, selective

Staphylococcus aureus, hospital mortality for patients with bacteremia due to Pseudomonas aeruginosa or, 607

Starch, blood and, in cardiac surgery, 2369

Statins, inflammation, sepsis and, 2365

Statistics, asthma: the epidemic has ended, or has it? 1969

Stem cell transplantation, autologous peripheral hematopoietic, increased exhaled nitric oxide following: a potential marker of idiopathic pneumonia syndrome, 281

exhaled nitric oxide in pathophysiologic states: the substance behind the gas, 11

Sternotomy, wounds, effect of three wound dressings on infection, healing comfort, and cost in patients with: a randomized trial, 43 Strength training: See Exercise; Rehabilitation

Streptococcus pneumoniae, contribution of C-reactive protein to the diagnosis and assessment of severity of community-acquired pneumonia, 1335

empiric therapy of community-acquired pneumonia: guidelines for the perplexed? 1913

guidelines for empiric antimicrobial prescribing in communityacquired pneumonia, 1888

Streptokinase, intrapleural, treatment of complicated parapneumonic pleural effusion with, in children, 566

Stress echocardiography: See Echocardiography

Stress testing: See Exercise

Subelavian artery, a 67-year-old woman with abnormal lung perfusion scan finding, 1941

Suction cylinders: See Equipment Suction, endotracheal: See Trachea Supine position: See Posture Surfactant protein-A, increased levels, in patients with newly diagnosed idiopathic pulmonary fibrosis, 617

Surfactant protein-B gene, polymorphism in, gender, and the risk of direct pulmonary injury and ARDS, 203

Surfactant protein-D, serum levels of surfactant protein D are increased in mice with lung tumors, May Supp., 109S

Surgery: See also Heart surgery; Lung transplantation; Lung volume reduction surgery; Postoperative complications; Thoracoscopy, video-assisted; names of specific procedures, eg, Coronary artery bypass graft; Lobectomy; Pneumonectomy; accuracy and cost-effectiveness of [18F]-2-fluoro-deoxy-D-glucose-positron emission tomography scan in potentially resectable non-small cell lung cancer, 1413

association between lower lobe location and upstaging for earlystage non-small cell lung cancer, 1424

competencies in pulmonary procedures, 800

costs and clinical outcomes associated with low-molecular-weight heparin vs unfractionated heparin for perioperative bridging in patients receiving long-term oral anticoagulant therapy, 1642

CT fluoroscopy-guided bronchoscopic dye marking for resection of small peripheral pulmonary nodules, 1747

experience with surgical intervention for screening-detected lung cancer, May Supp., 167S

hemoptysis in a 38-year-old woman receiving an oral contraceptive, 1944

lasers, staples, bovine pericardium, talc, glue and...suction cylinders? tools of the trade to avoid air leaks in lung volume reduction surgery, 361

lung volume reduction surgery in canine model of predominantly upper lobe emphysema: advantages of new [vacuum-assisted] surgical system, 633

new safe and stable spiral wire needle for thoracoscopic resection of lung nodules, 2289

plication for diaphragmatic eventration; a simple technique, not a simple problem, 1170

pneumothorax in pulmonary Langerhans cell histiocytosis, 1028 preoperative pulmonary consultation at a university hospital, 1966, 1967

prognostic factors in the surgical management of pericardial effusion in the patient with concurrent malignancy, 1328

prognostic implications of histologic patterns in multiple surgical lung biopsies from patients with idiopathic interstitial pneumonias, 522

resection of the right middle lobe and lingula in children for middle lobe/lingula syndrome, 38

role of open-lung biopsy in ARDS, 197

SARS, pneumothorax, and our response to epidemics, 1982

sphincter pharyngoplasty as a treatment of velopharyngeal incompetence in young people: a prospective evaluation of effects on sleep structure and sleep respiratory disturbance, 864

utility of ¹⁰⁰mTc depreotide compared with F-18 fluorodeoxyglucose positron emission tomography and surgical staging in patients with suspected non-small cell lung cancer, 494

video-assisted thoracoscopic, is a promising treatment for solitary fibrous tumor of the pleura, 1144

Survival: See also Mortality; Outcomes; after prolonged submersion in freshwater in Florida, 1948

better, association between the TNF-2 allele and, from cardiogenic shock, 2232

clinical and exercise test determinants of, after cardiac transplantation, vol. 124:2000; clarification, vol. 125:1175

combined corticosteroid and cyclophosphamide therapy does not alter, in idiopathic pulmonary fibrosis, 2169

cystic fibrosis adult care: consensus conference report, Jan. Supp., 1S-39S

impact of respiratory symptoms and pulmonary function on quality of life of long-term survivors of non-small cell lung cancer, 439

long-term intermittent dobutamine infusion, combined with oral amiodarone for end-stage heart failure: a randomized doubleblind study, 1198

of patients with bronchiectasis after the first ICU stay for respiratory failure, 1815 outcome of lung transplant patients admitted to the medical ICU,

smoking and lung cancer survival: the role of comorbidity and treatment, 2

top ten list in idiopathic pulmonary fibrosis, 1885

tracheostomy for respiratory failure: we need more answers, 7 Survivin, cyclooxygenase-2-dependent expression of survivin in non-

small cell lung cancer, May Supp., 140S Sweden, asthma treatment preference study: a conjoint analysis of preferred drug treatments, 916

mandibular advancement devices in 630 men and women with obstructive sleep apnea and snoring: tolerability and predictors of treatment success, 1270

variations in pediatric asthma hospitalization rates and costs between and within Nordic countries, 1680

Swine, attenuation of reperfusion-induced systemic inflammation by preconditioning with nitric oxide in an in situ porcine model of normothermic lung ischemia, 2253

moderate systemic hypotension during reperfusion reduces the coronary blood flow and increases the size of myocardial infarction in pigs, 1492

side effects of endotracheal suction in pressure- and volumecontrolled ventilation, 1077

Sympathetic nervous system, corrected QT dispersion and cardiac sympathetic function in patients with obstructive sleep apneahypopnea syndrome, 2107

Syphilis, secondary; a 50-year-old man with skin lesions and multiple pulmonary nodules, 2322

Systole, inhaled \(\beta\)-adrenoceptor agonists and left ventricular systolic function, 1174

Tachyarrhythmia, ventricular: See Torsades de pointes

Taft, William H., apnea and history, 1587, 1588 Talc: See also Pleurodesis; poudrage, audit of medical thoracoscopy and, for pneumothorax prevention in advanced COPD, 1315

Tamponade: See Cardiac tamponade Tattooing, surgical, CT fluoroscopy-guided bronchoscopic dye marking for resection of small peripheral pulmonary nodules, 1747 Technetium-99m depreotide scintigraphy: See Scintigraphy

Technetium-99m diethylenetriaminepenta-acetic acid: See Diethylenetriaminepenta-acetic acid

Technetium-99 macroaggregated albumin, a 67-year-old woman with abnormal lung perfusion scan finding, 1941

Terminal care, cystic fibrosis adult care: consensus conference report, Jan. Supp., 1S-39S

Terrorist attacks (September 11, 2001): See World Trade Center Theophylline, acute asthma in adults: a review, 1081

Thermodilution, accurate, noninvasive continuous monitoring of cardiac output by whole-body electrical bioimpedance, 1431

Thoracentesis, clinical implications of appearance of pleural fluid at,

effect of repeated thoracenteses on fibrinolytic activity in malignant pleural effusion, 1965, 1966

safety of ultrasound-guided, in patients receiving mechanical ventilation, 1059

Thoracic duct, chyloptysis in adults: presentation, recognition, and differential diagnosis, 336

Thoracic splenosis: See Spleen

Thoracic surgery, effect of lung volume reduction surgery on diaphragmatic neuromechanical coupling at 2 years, 2188

use of cardiopulmonary bypass during resection of locally advanced thoracic malignancies: a 10-year, two-center experience, 1581

Thoracoscopic surgery, video-assisted: See Thoracoscopy, videoassisted

Thoracoscopy, a new safe and stable spiral wire needle for resection of lung nodules, 2289

effects of additional minocycline pleurodesis after thoracoscopic procedures for primary spontaneous pneumothorax, 50

medical, audit of, and talc poudrage for pneumothorax prevention in advanced COPD, 1315

new and emerging minimally invasive techniques for lung volume reduction, 777

video-assisted, is major pulmonary resection by, an adequate procedure in clinical stage I lung cancer? 1742

video-assisted; management of secondary spontaneous pneumothorax: there's confusion in the air, 1190

video-assisted; a new safe and stable spiral wire needle for thoracoscopic resection of lung nodules, 2289

video-assisted surgery is a promising treatment for solitary fibrous tumor of the pleura, 1144

Thoracotomy, association between lower lobe location and upstaging for early-stage non-small cell lung cancer, 1424

management of secondary spontaneous pneumothorax: there's confusion in the air, 1190

spinal prostaglandin formation and pain perception following: a role for cyclooxygenase-2, 1321 video-assisted thoracoscopic surgery is a promising treatment for

solitary fibrous tumor of the pleura, 1144 Three-dimensional electroanatomic mapping: See Imaging tech-

Thromboembolism: See also Pulmonary embolism; atrial fibrillation: non-pharmacologic therapies coming of age, 1977

ECG score predicts those with the greatest percentage of perfusion defects due to acute pulmonary thromboembolic disease,

Thromboembolism, venous: See also Thrombosis, deep vein; clinical utility of D-dimer in patients with suspected pulmonary embolism and nondiagnostic lung scans or negative CT findings, 851

postoperative, effect of a computerized reminder system on the prevention of, 1635

prevention of fatal pulmonary embolism in the hospital, 1595

Thrombolysis, impact of right ventricular dysfunction on the prognosis and therapy of normotensive patients with pulmonary embolism, 1539

Thrombosis, association between serum C-reactive protein elevation and left ventricular thrombus formation after first anterior myocardial infarction, 384

deep vein, among patients entering cardiac rehabilitation after coronary artery bypass surgery, 191

deep vein; effect of a computerized reminder system on the prevention of postoperative venous thromboembolism, 1635

Thymic neuroendocrine tumors, PET scanning in the management of, 2368

Thyroid disease, benign or malignant, interventional bronchoscopy for treatment of tracheal obstruction secondary to, 723

Tianeptine: a new exploratory therapy for asthma, 348, 349 Tidal breathing: See Respiration

Tiotropium, bromide, inhaled, effects of, on lung mucociliary clearance in patients with COPD, 1726

long-acting bronchodilators are the first-choice option for the treatment of stable COPD, 9

role of long-acting bronchodilators in the management of stable COPD, 249

Tissue paper workers: See Occupational and environmental lung

Tissue-type plasminogen activators: See Plasminogen

Tobacco industry workers: See Occupational exposure

Tobacco smoke: See Smoking

Tomography, computed, CT fluoroscopy-guided bronchoscopic dye marking for resection of small peripheral pulmonary nodules,

CT-guided transbronchial biopsy using an ultrathin bronchoscope with virtual bronchoscopic navigation, 1138

FDG-PET and, after talc pleurodesis, 2356

grading airway stenosis down to the segmental level using virtual bronchoscopy, 704

high-resolution; assessment of emphysema in COPD: a functional and radiologic study, 1714

high-resolution; diffuse cystic lung diseases: correlation between radiologic and functional status, 135

high-resolution, functional analysis in single-lung transplant recipients: a comparative study of ³He-MRI, pulmonary function tests and, 173

high-resolution; idiopathic interstitial pneumonias and the concept of the trump card, 359

high-resolution; pulmonary epithelioid hemangioendothelioma: an unusual case and a review of the literature, 789

hung cancer screening using low-dose high-resolution CT scanning in a high-risk workforce: 3,500 nuclear fuel workers in three US states, May Supp., 152S

managing the small pulmonary nodule discovered by, 1522

plication for diaphragmatic eventration; a simple technique, not a simple problem, 1170

spiral angiogram; hemoptysis in a 38-year-old woman receiving an oral contraceptive. 1944

woman with chronic, unproductive cough and left lower lobe lung mass, 1148

Tomography, positron emission, evaluation of pleural disease with 18-fluorodeoxyglucose positron emission tomography imaging, 489

[18F]-2-fluoro-deoxy-D-glucose, accuracy and cost-effectiveness of, in potentially resectable non-small cell lung cancer, 1413

FDG-PET, computed tomography after tale pleurodesis, 2356 positron emission, scanning in the management of thymic neuroendocrine tumors, 2368

seeking a home for a PET, part 1: defining the appropriate place for positron emission tomography imaging in the diagnosis of pulmonary nodules or masses, 2294

seeking a home for a PET, part 2: defining the appropriate place for positron emission tomography imaging in the staging of patients with suspected lung cancer, 2300

utility of ⁹⁹ⁿTe depreotide compared with F-18 fluorodeoxyglucose, and surgical staging in patients with suspected non-small cell lung cancer, 494

Torsades de pointes, influence of IV haloperidol on ventricular repolarization and monophasic action potential duration in anesthetized dogs, 1821

Trachea, anatomic evaluation of postural bronchial drainage of the lung with special reference to patients with tracheal intubation: which combination of postures provides the best simplification? 035

mechanical properties of tracheal smooth muscle are impaired in the rabbit with experimental cardiac pressure overload, 236

obstruction secondary to benign or malignant thyroid disease, interventional brouchoscopy for treatment of, 723

side effects of endotracheal suction in pressure- and volumecontrolled ventilation, 1077

tracheobronchial amyloidosis: a case report of successful treatment with external beam radiation therapy, 784

Tracheal neoplasms, tracheobronchial adenoid cystic carcinoma: a clinicopathologic study of 14 cases, 1160

Tracheal stenosis, balloon dilatation using flexible bronchoscopy for the management of benign and malignant airway stenoses, 354 Tracheobronchial stenosis: See Bronchial stenosis; Tracheal stenosis

Tracheostomy, for respiratory failure: we need more answers, 7 hospital and long-term outcome after, for respiratory failure, 220

percutaneous dilatational, endoscopically guided, routine chest radiographs after, 1173 percutaneous, emphysema and pneumothorax after: case reports

and an anatomic study, 1805 tube enabling speech during mechanical ventilation, 1046

Transbronchial needle aspiration: See Biopsy

Transcriptome, impact of cigarette smoke on the normal airway transcriptome, May Supp., 115S

Transforming growth factor β , role of, in lung development and disease, 754

Transforming growth factor-β₁, extracellular matrix-associated fibronectin expression and, in pulmonary lymphangioleiomyomatosis, 1063

Transhuminal mitral valvuloplasty, percutaneous: See Heart valves Transplantation: See Bone marrow transplantation: Heart transplantation; Lung transplantation; Stem cell transplantation

Transpyloric feeding tube placement: See Enteral feeding

Trauma, prediction of risk of death using 30-day outcome; a practical end point for quality auditing in intensive care, 1458

Trauma, head: See Head trauma Treadmill test: See Exercise Treatment, withdrawal, in ISOLDE study, 2368

Troponins: See Cardiac troponin

Trypanosoma cruzi: See Chagas disease

Tuberculosis, comparison of six biological markers for the diagnosis of tuberculous pleuritis, 987

diagnostic value of transbronchial needle aspiration by Wang 22-gauge cytology needle in intrathoracic lymphadenopathy, 527

modified quantiferon assay may help diagnose latent infection and hard-to-identify active disease, Oct. Supp., vol. 124:1158; clarification, vol. 125:356

multidrug-resistant, hypokalemia among patients receiving treatment for, 974

pleural, diagnosing, 2366

polymerase chain reaction for Mycobacterium tuberculosis: impact on clinical management of refugees with pulmonary infiltrates [comparison with acid-fast smear], 981

preoperative pulmonary consultation at a university hospital, 1966, 1967

pulmonary, active, vascular endothelial growth factor levels in, 2156

pulmonary; prospective analysis of clinical characteristics and risk factors of postbronchoscopy fever, 945

pulmonary, regional deposition of aerosolized interferon-γ in, 2146 Tumor necrosis factor-α, activation of bronchial epithelial cells in smokers without airway obstruction and patients with COPD, 1706

 -α, effect of repeated thoracenteses on fibrinolytic activity in malignant pleural effusion, 1965, 1966

 -\u03c3, in pleural fluid: a marker of complicated parapneumonic effusions, 160

association between the TNF-2 allele and a better survival from cardiogenic shock, 2232

cytokines: the tomb markers of the ICU, 1980

genetics of COPD, 1929

serum levels of the apoptosis-associated molecules, TNF/TNFRI and Fas/FasL, in sepsis, 2238

smoke/burn injury-induced respiratory failure elicits apoptosis in ovine lungs and cultured lung cells, ameliorated with arteriovenous CO₂ removal, 1472.

Tumor suppressor genes, caveolin-1 is down-regulated in human lung carcinoma and acts as a candidate tumor suppressor gene, May Supp., 106S

evaluation of H37, a candidate 3p21.3 tumor suppressor gene, as a therapeutic and diagnostic marker in lung cancer, May Supp., 102S

Turkey, preoperative pulmonary consultation at a aniversity hospital, 1966, 1967

Twins: See Family

Twitching motility, Feb. Supp., 64S

Ultrasound-guided transbronchial needle aspiration, conventional vs endobronchial: a randomized trial, 322

localization of pulmonary nodules, 796

making an impossible mission possible [detecting hypertension, left ventricular hypertrophy], 293

safety of guided thoracentesis in patients receiving mechanical ventilation, 1059

Unfolded protein: See Protein

United States, asthma: the epidemic has ended, or has it? 1969 clinical practice of lung transplantation in North America, 1183 critical care crisis in: a report from the profession, 1514

critical care medicine crisis: a call for federal action; white paper from the critical care professional societies, 1518

critical care professional societies address the critical care crisis in, $1512\,$

guidelines for empiric antimicrobial prescribing in communityacquired pneumonia, 1888

survey of clinical practice of lung transplantation in North America, 1224 Urban health: See Public health

Urban homeless: See Homeless

Uridine 5'-triphosphate-induced sputum specimens, improved diagnostic sensitivity for lung cancer using an automated quantitative cytology system and, May Supp., 157S

Uterus, a 44-year-old Jehovah's Witness with life-threatening anemia

from uterine bleeding, 1151

Vaccination: See Influenza

Vacuum-assisted surgical system: See Surgery

Vagal nerve, respiratory sinus arrhythmia: why does the heartbeat synchronize with respiratory rhythm? 683

Valvuloplasty: See Heart valves

Vancomycin, linezolid and, in nosocomial pneumonia, 2370

Vascular cell adhesion molecule-1: See Cell adhesion molecules

Vascular dysfunction, uncontrolled hypertension, uncompensated type II diabetes, and smoking have different patterns of, 823

Vascular endothelial growth factor, levels, effects of pranlukast administration on, in asthmatic patients, 1700

levels in active pulmonary tuberculosis, 2156

tale and silver nitrate induce systemic inflammatory effects during the acute phase of experimental pleurodesis in rabbits, 2268

Vasodilators, hemodynamic response to sildenafil, nitric oxide, and iloprost in primary pulmonary hypertension, 580

pulmonary responses to selective phosphodiesterase-5 and phosphodiesterase-3 inhibitors, 644

VATS: See Thoracoscopy, video-assisted

Velopharyngeal incompetence, sphincter pharyngoplasty as a treatment of, in young people: a prospective evaluation of effects on sleep structure and sleep respiratory disturbance, 864 Venous thromboembolism: See Thromboembolism, venous; Throm-

bosis, deep vein

Ventilation, assessment of symptoms and exercise capacity in cyanotic

patients with congenital heart disease, 368 exercise for fun and profit: joint statement on exercise by the American Thoracic Society and the American College of

Chest Physicians, 1 Ventilation, intrapulmonary percussive: See Aerosols

Ventilation, mechanical: See Respiration, artificial

Ventilation-perfusion scintigraphy: See Scintigraphy

Ventilator-associated pneumonia: See Pneumonia, ventilator-associated

Ventilator weaning, acute asthma in adults: a review, 1081

Ventricle, left, hypertrophy; making an impossible mission possible, 293

influence of IV haloperidol on ventricular repolarization and monophasic action potential duration in anesthetized dogs,

measurement of ejection fraction after myocardial infarction in the population, 397

pulmonary manifestations of left heart failure, 669

systolic function, inhaled β-adrenoceptor agonists and, 1174

thrombus formation, association between serum C-reactive protein elevation and, after first anterior myocardial infarction, 384

use of novel nonfluoroscopic three-dimensional electroanatomic mapping system to monitor and analyze heart surgery in animal models, 1830

Ventricle, right, feasibility of routine pulmonary arterial impedance measurements in pulmonary hypertension, 2121

hypertrophy and dilatation, effects of epoprostenol on, in pulmonary hypertension, 572

impact of dysfunction on the prognosis and therapy of normotensive patients with pulmonary embolism, 1539

influence of IV haloperidol on ventricular repolarization and monophasic action potential duration in anesthetized dogs, 1821

Ventricular compliance, clinical and exercise test determinants of survival after cardiac transplantation, vol. 124:2000; clarification, vol. 125:1175

Ventricular repolarization, QT dispersion: much ado about something? 1974 Ventricular septal rupture: See Heart septum

Ventricular tachyarrhythmia: See Torsades de pointes

Veterans hospitals: See Hospitals

Video-assisted thoracoscopy: See Thoracoscopy

Viral infections, community-acquired pneumonia in nonimmunocompromised adults, 1343

pulmonary infiltrates in the non-HIV-infected immunocompromised patient: etiologies, diagnostic strategies, and outcomes, 260

respiratory viruses and severe lower respiratory tract complications in hospitalized patients, 1033

Vital capacity, forced, genetics of COPD, 1929

is my lung function really that good? flow-type spirometer problems that elevate test results, 1902

term ambiguity, 797

Vitamin E beta-carotene supplementation and, and hospital-treated pneumonia incidence in male smokers, 557

Voice tracheostomy tube: See Speech

Volume-controlled ventilation: See Respiration, artificial

Volumetric capnography: See Capnography

Wang 22-gauge cytology needle: See Biopsy

War refugees: See Refugees

Water, extravascular: See Lung

Wedge pressure, capillary: See Pulmonary capillary wedge pressure

Weight: See also Obesity: excess, prevalence and secular trends of, and impact on outcomes after myocardial infarction in the community, 1205

influence of overweight on ICU mortality: a prospective study, 1441

reduction, effect of, on respiratory function and airway reactivity in obese women, 2046

survey of clinical practice of lung transplantation in North America, 1224

Wheezing, history of ear infections and prevalence of asthma in a national sample of children aged 2 to 11 years: the third National Health and Nutrition Examination Survey, 1988 to 1994, 1685

White coat hypertension: See Hypertension

Whole-body electrical bioimpedance: See Electrical impedance

Winter Olympics: See Sports

Wire needles: See Equipment

Withdrawal of treatment in ISOLDE study, 2368

Women, Chinese, middle-aged, a community study of sleep-disordered breathing in, in Hong Kong; prevalence and gender differences, 127

cystic fibrosis adult care: consensus conference report, Jan. Supp., 18-398

gender differences in health-related quality of life in patients complaining of chronic cough, 482

geographic and gender variability in the prevalence of bronchial responsiveness in Canada, 1657

mandibular advancement devices in 630 men and women with obstructive sleep apnea and snoring: tolerability and predictors of treatment success, 1270

obese, effect of weight reduction on respiratory function and airway reactivity in, 2046

polymorphism in the surfactant protein-B gene, gender, and the risk of direct pulmonary injury and ARDS, 203

reference values for arterial blood gases in the elderly, 2053

respiratory findings in tobacco industry workers, 802

Wood smoke exposure: See Environmental exposure

Work hours, work-related asthma-like symptoms among florists, 2336
Workload, relationship between single-breath diffusion capacity of the lung for nitric oxide and carbon monoxide during various exercise intensities, 1019

Workplace-related illness: See Occupational and environmental lung diseases; Occupational exposure

World health: See International health

World Trade Center, respiratory symptoms and physiologic assessment of iromvorkers at the disaster site, 1248

symptoms, respirator use, and pulmonary function changes among New York City firefighters responding to the disaster, 1256

Wound dressings: See Wound healing

Wound healing, three wound dressings, effect of, on infection, healing comfort, and cost in patients with sternotomy wounds: a randomized trial, 43 Yoga, Kapalabhati pranayama—breath of fire or cause of pneumothorax: a case report, 1951

Z protein, Z α₁-antitrypsin polymerizes in the lung and acts as a neutrophil chemoattractant, 1952

Zafirlukast, leukotriene modifier vs inhaled corticosteroid in mild-tomoderate asthma: clinical and anti-inflammatory effects, 1693

Zaprinast, pulmonary responses to selective phosphodiesterase-5 and phosphodiesterase-3 inhibitors, 644

